

Part AB.2: Where Specific Water Management Values Apply

ADVICE NOTE: For figure abbreviations - refer to the fold-out A3 VALUES KEY at the back of this schedule.



Map D-10 Life Supporting Capacity Value in the Manawatu-Wanganui Region [Formerly POP at D-21]

Life-supporting Capacity (LSC) Value

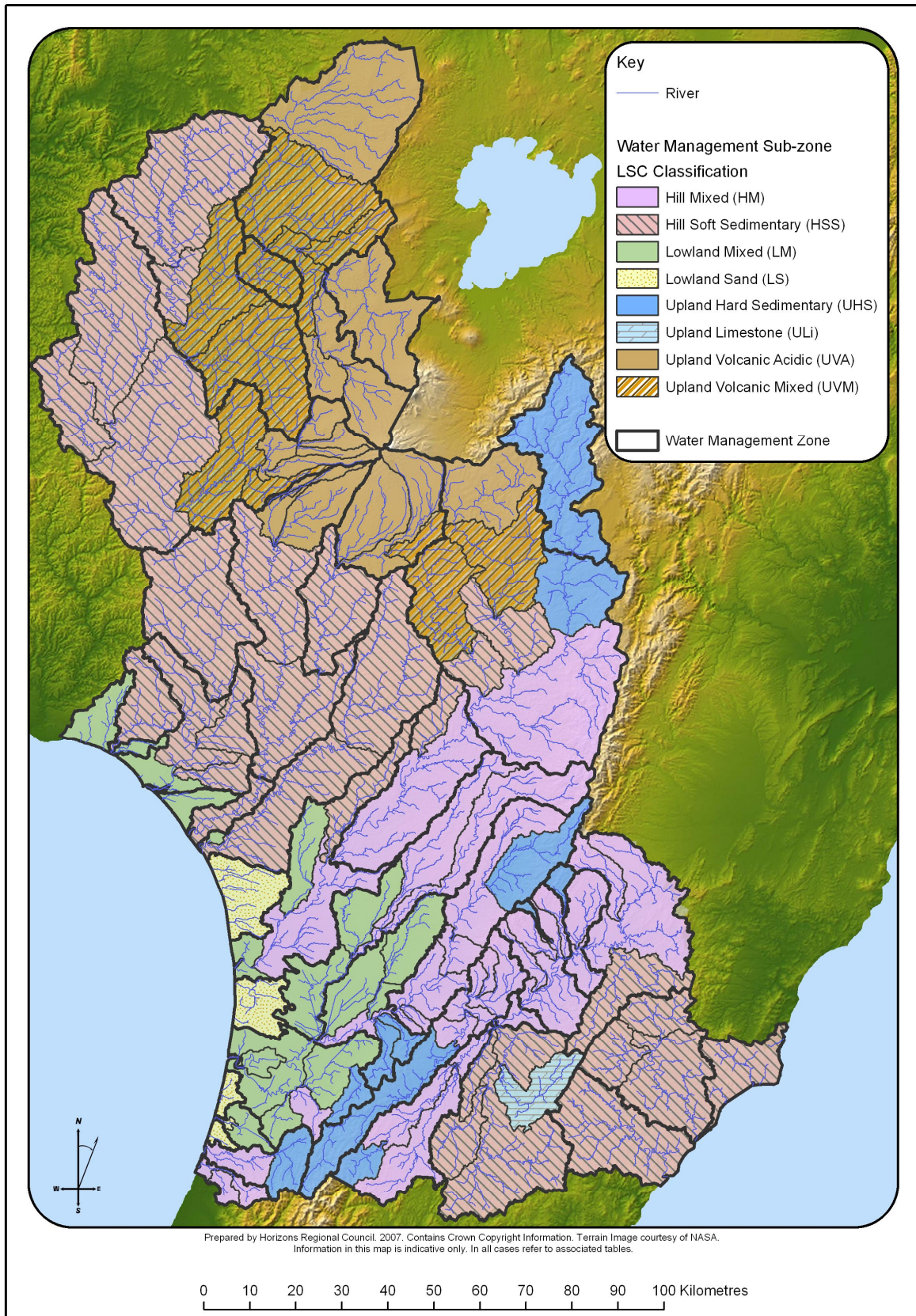


Figure AB:1 Visual Guide to the Distribution of the Life-supporting Capacity (LSC) Value

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 – Balance 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 [†]	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
	Kiwitea	Kiwitea 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 ²	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 [†]	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, Wiritoa, 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

[Formerly POP at D-22 to D-26]

Ecosystem Values



Map D:9 Natural State Value in the Manawatu Wanganui Region

[Formerly POP at D-19]

Natural State (NS) Value

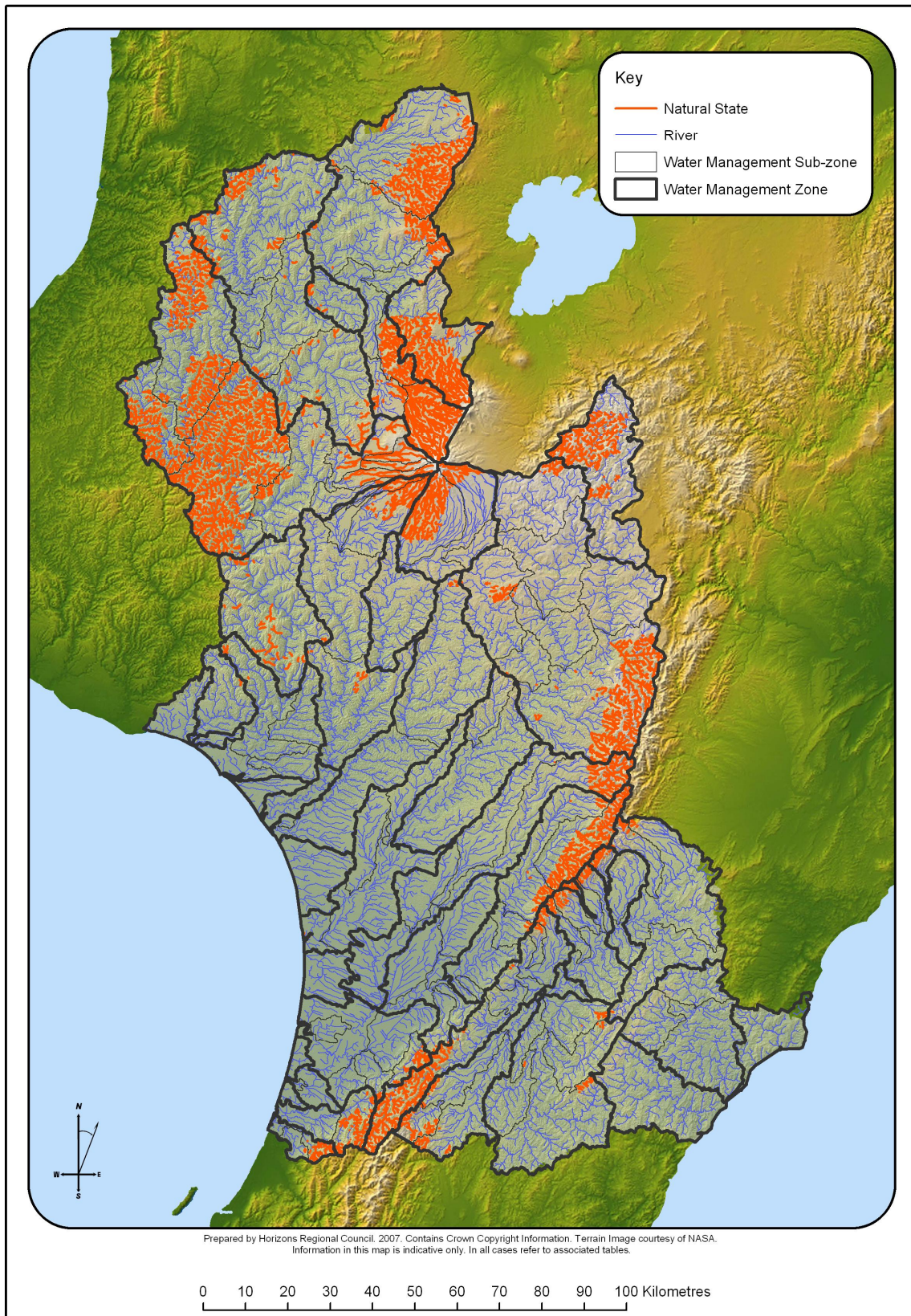


Figure AB:2 Visual Guide to the Distribution of the Natural State (NS) Value

Natural State Definition: All sections of *rivers*[^] and their *beds*[^] that have sources in, and flow within, the Public Conservation Land (land held under the Conservation Act 1987 or administered by the Department of Conservation), with the exception of those where damming or diversion have significantly affected the natural state of the *water*[^] (~~Table D-3~~ Table AB:2).

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

Table AB.2: Rivers[^] within Public Conservation Land excluded from the Natural State (NS) Value			
<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River[^]/Stream Name</u>	<u>Locality Description</u>
Upper Gorge (<u>Mana 9</u>)	Upper and Lower Mangahao (<u>Mana 9d and Mana 9c</u>)	Mangahao River	From <u>the</u> 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 (<u>Mana 13</u>)	Upper and Lower Tokomaru (<u>Mana 13b and Mana 13c</u>)	Tokomaru River	From <u>the</u> confluence with the Manawatu River at approx. NZMS 260 S24:132-727 to <u>the</u> top of the Tokomaru No.3 Reservoir at approx. NZMS 260 S25:203-654
	Mangaore (<u>Mana 13d</u>)	Mangaore Stream	From confluence with the Manawatu River at approx. NZMS 260 S24:116-712 to source

[Formerly POP at D-20]



Map D: 11 Aquatic Sites of Significance in the Manawatu-Wanganui Region [Formerly POP at D-27]

Sites of Significance - Aquatic (SOS-A) Value

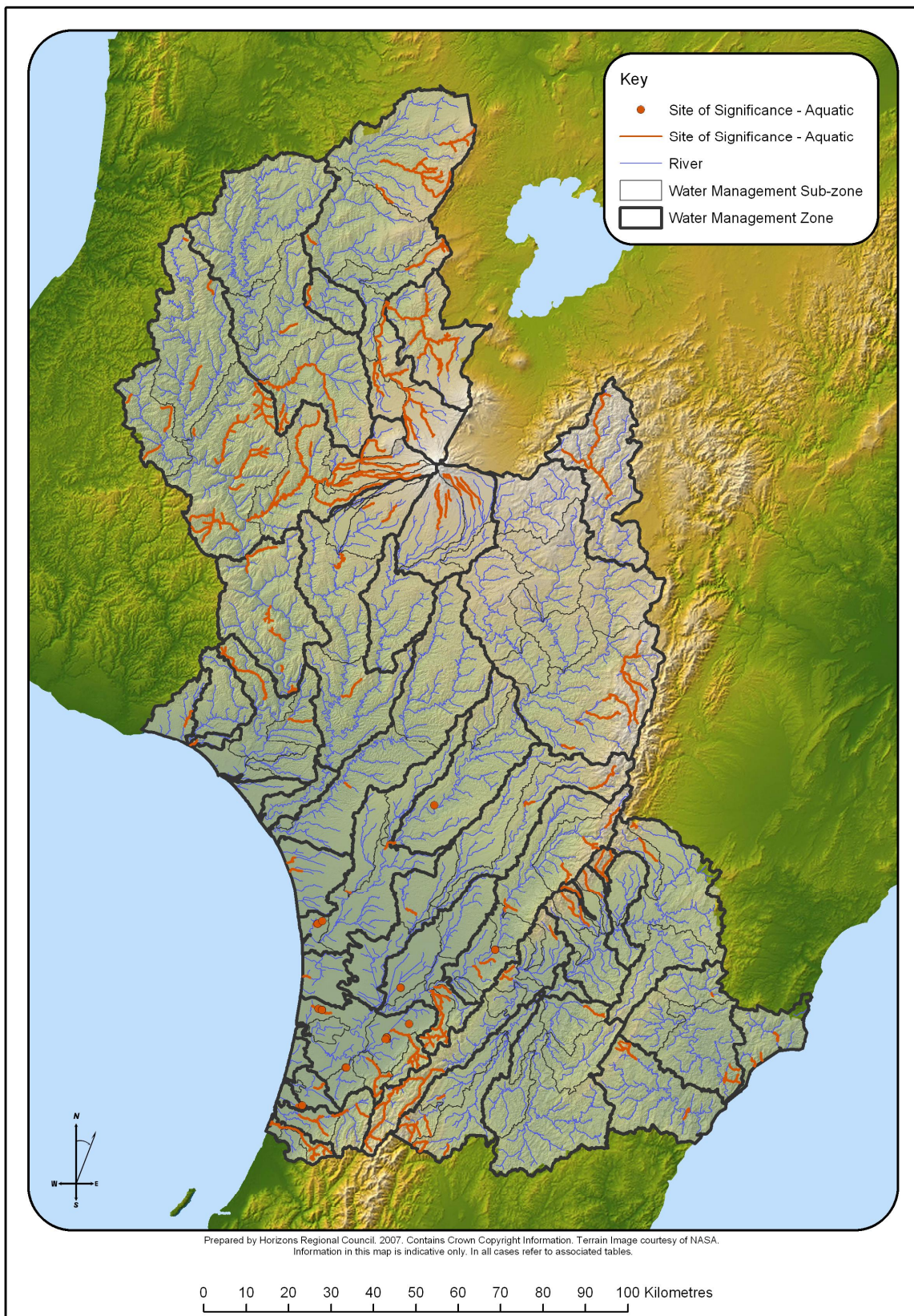


Figure AB:3 Visual Guide to the Distribution of the Sites of Significance - Aquatic (SOS-A) Value

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

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

Table AB.3: Sites of Significance - Aquatic (SOS-A) Value in the Region

Water Management Zone*	Sub-zone*	Site	Map-Ref Locality Description	Species
		Makakahi River Tributary	From the confluence with the Makakahi River from at approx. NZMS 260 S25:286-514 to source	Shortjaw kokopu
		Makakahi River	From the confluence with a tributary at approx. NZMS 260 S25:286-514 to source	Shortjaw kokopu
Upper Gorge (Mana 9)	Upper Gorge (Mana 9a)	Manawatu River Tributary	From the confluence with the Manawatu River at approx. NZMS 260 T24:486-899 to source	Redfin bully
		Manawatu River Tributary	From the confluence with the Manawatu River at approx. NZMS 260 T24:490-928 to source	Redfin bully
	Mangaatua (Mana 9c)	Mangaatua Stream	From approx. NZMS 260 T24:590-992 to approx. NZMS 260 T23:574-023	Shortjaw kokopu
	Lower Mangahao (Mana 9e)	Mangahao Tributary	From the confluence with the Mangahao River at approx. NZMS 260 S25:150-532 to source	Dwarf galaxid <i>Galaxias</i>
		Mangahao River	From approx. NZMS 260 T25:324-679 to source	Dwarf galaxid <i>Galaxias</i> and shortjaw kokopu
		Roaring Creek	From the confluence with the Mangahao River at approx. NZMS 260 S25:190-606 to source	Dwarf galaxid <i>Galaxias</i>
		Ngapuketuru Stream	From the confluence with the Mangahao River at approx. NZMS 260 S25:278-660 to source	Banded kokopu and shortjaw kokopu
Middle Manawatu (Mana 10)	Middle Manawatu (Mana 10a)	Manawatu River Tributary	From the confluence with the Manawatu River at approx. NZMS 260 T24:410-937 to approx. NZMS 260 T24:444-940	Lamprey
		Manawatu River Tributary	From the confluence with the Manawatu River at approx. NZMS 260 T24:392-929 to approx. NZMS 260 T24:413-902	Lamprey
	Upper Pohangina (Mana 10b)	Pohangina Tributary	From the confluence with the Pohangina River at approx. NZMS 260 T23:652-233 to source	Koaro
		Pohangina River	From approx. NZMS 260 U23:705-256 to approx. NZMS 260 U23:708-303	Whio
		Makawakawa Stream Tributary	From approx. NZMS 260 T23:606-173 to source	Koaro
	Middle Pohangina (Mana 10c)	Pohangina River	From approx. NZMS 260 T23:468-058 to approx. NZMS 260 T23:469-086	Koaro
		Waitokanui Stream	From the confluence with the Pohangina River at approx. NZMS 260 T23:474-069 to source	Redfin bully
Lower Pohangina (Mana 10d)	Ashurst Domain	At approx. NZMS 260 T24:446-967 to approx. NZMS 260 T24:444-940	Brown mudfish	
Lower Manawatu (Mana 11)	Turitea (Mana 11b)	Turitea Stream	From the confluence with the Manawatu River at approx. NZMS 260 T24:302-880 to approx. NZMS 260 T24:341-866	Lamprey
	Kahuterawa (Mana 11c)	Kahuterawa Stream and tributaries	From the confluence with the Manawatu River at approx. NZMS 260 S24:293-870 to source	Banded kokopu, shortjaw kokopu koaro and redfin bully

Table AB.3: Sites of Significance - Aquatic (SOS-A) Value in the Region

Water Management Zone*	Sub-zone*	Site	Map-Ref Locality Description	Species
	Main Drain (Mana 11f)	Unnamed Wetland	At approx. NZMS 260 S24:223-877	Brown mudfish
Oroua (Mana 12)	Upper Oroua (Mana 12a)	Mangapikopiko Stream	From the confluence with the Oroua River at approx. NZMS 260 T22:515-307 to approx. NZMS 260 T22:538-317	Banded kokopu
		Oroua River	From approx. NZMS 260 T22:667-349 to source	Banded kokopu
	Makino (Mana 12e)	Mangaone West Stream	From approx. NZMS 260 S23:258-050 to approx. NZMS 260 S23:236-064	Redfin bully
Coastal Manawatu (Mana 13)	Coastal Manawatu (Mana 13a)	Round Bush Scenic Reserve and Tributary	From approx. NZMS 260 S24:013-835 to source at approx. NZMS 260 S24:058-819	Brown mudfish
	Upper Tokomaru (Mana 13b)	Tokomaru River Tributary	From the confluence with the Tokomaru River at approx. NZMS 260 S24:243-705 to source	Redfin bully, koaro and banded kokopu
		Tokomaru River Tributary	From the confluence with the Tokomaru River at approx. NZMS 260 S24:255-720 to source	Redfin bully, koaro and banded kokopu
		Tokomaru River Tributary	From the confluence with the Tokomaru River at approx. NZMS 260 S24:259-734 to source	Redfin bully, koaro and banded kokopu
	Upper and Lower Tokomaru (Mana 13b and Mana 13c)	Tokomaru River	From approx. NZMS 260 S24:198-776 to approx. NZMS 260 S25:240-698	Redfin bully, koaro and banded kokopu
	Lower Tokomaru (Mana 13c)	Makerua Swamp Wildlife Management Reserve	At approx. NZMS 260 S24:190-760	Brown mudfish
	Mangaore (Mana 13d)	Mangaore Stream	From approx. NZMS 260 S24:142-711 to source at approx. S24:177-635	Shortjaw kokopu, redfin bully and koaro
		Mangatangi Stream	From the confluence with the Mangaore Stream at approx. NZMS 260 S25:173-670 to source	Shortjaw kokopu, redfin bully and koaro
		Mangaore Stream Tributary	From the confluence with the Mangaore Stream at approx. NZMS 260 S25:161-648 to source	Koaro
Koputaroa (Mana 13e)	Perawitis Wetland	At approx. NZMS 260 S25:094-688 and approx. NZMS 260 S25:095-688	Brown mudfish	
Upper Rangitikei (Rang 1)	Upper Rangitikei (Rang 1)	Rangitikei River	From approx. NZMS 260 U20:707-031 to approx. NZMS 260 U19:716-274	Whio
		Mangamarie River	From the confluence with the Rangitikei River at approx. NZMS 260 T20:691-090 to approx. NZMS 260 T20:699-102	Whio
		Otamatenui Stream	From the confluence with the Rangitikei River at approx. NZMS 260 T20:672-107 to approx. NZMS 260 T20:603-146	Whio
Middle Rangitikei (Rang 2)	Pukeokahu - Mangaweka (Rang 2b)	Mangatera River	From the confluence with the Maropea River at approx. NZMS 260 U21:749-655 to Lake Colenso at approx. NZMS 260 U21:781-660	Whio
		Waiokotore Stream	From the confluence with the Mangatera River at approx. NZMS 260 U21:770-659 to approx. NZMS 260 U21: 789-697	Whio

Table AB.3: Sites of Significance - Aquatic (SOS-A) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>Site</u>	<u>Map-Ref Locality Description</u>	<u>Species</u>
		Maropea River	From the confluence with the Mangatera River at approx. NZMS 260 U21:749-655 to approx. NZMS 260 U22:803-580	Whio
		Kawhatau River	From the confluence with Hikurangi Stream at approx. NZMS 260 U22:700-557 to approx. NZMS 260 U22:760-499	Whio
		Waikakamaka River	From the confluence with the Maropea River at approx. NZMS 260 U21:748-622 to approx. NZMS 260 U22:782-502	Whio
		Porangaki River	From the confluence with the Mangakukeke Stream at approx. NZMS 260 T22:635-507 to approx. NZMS 260 T22:651-499	Dwarf galaxid <u>Galaxias</u> and redfin bully
		Hikurangi Stream	From the confluence with the Kawhatau River at approx. NZMS 260 T22:661-530 to source	Dwarf galaxid <u>Galaxias</u>
		Mangawharariki River	From approx. NZMS 260 T22:602-449 to approx. NZMS 260 T22:632-444	Shortjaw Kokopu Dwarf <u>Galaxias</u>
Lower Rangitikei and Coastal Rangitikei (Rang 3 and Rang 4)	Lower Rangitikei and Coastal Rangitikei (Rang 3a and Rang 4a)	Rangitikei River	From approx. NZMS 260 S23:184-206 to approx. NZMS 260 S23:210-222	Redfin Bully
Coastal Rangitikei (Rang 4)	Tidal Rangitikei (Rang 4b)	Forest Road Wetland	From approx. NZMS 260 S23:016-028 to approx. NZMS 260 S23:040-034	Giant kokopu
	Tutaenui (Rang 4d)	Tutaenui Stream Tributary	From the confluence with the Tutaenui Stream at approx. NZMS 260 S23:104-104 to source	Brown mudfish
	Coastal Rangitikei (Rang 4b)	Forest Road Wetland	From approx. NZMS 260 S23:016-028 to approx. S23:040-034	Giant Kokopu
Upper Whanganui (Whai 1)	Upper Whanganui (Whai 1)	Otamangakau Outlet	From the confluence with the Whanganui River at approx. NZMS 260 T19:354-409 to approx. NZMS 260 T19:359-411	Whio
		Otamara Stream and tributaries	From the confluence with the Whanganui River at approx. NZMS 260 T19:329-408 to source	Whio
		Otongokaku Stream	From the confluence with the Whanganui River at approx. NZMS 260 T19:319-405 to approx. NZMS 260 T19:321-398	Whio
		Waipapaiti Stream	From the confluence with the Whanganui River at approx. NZMS 260 T19:309-401 to approx. NZMS 260 T19:312-395	Whio
		Mangatepopo Stream	From the confluence with the Whanganui River at approx. NZMS 260 S19:289-405 to T19:308-360 approx. NZMS 260 T19:312-323	Whio
		Okupata Stream	From the confluence with the Mangatepopo Stream at approx. NZMS 260 S19:288-398 to approx. NZMS 260 S19:264-364	Whio
		Tawhitikuri Stream	From the confluence with the Mangatepopo Stream at approx. NZMS 260 T19:309-361 to approx. NZMS 260 T19:311-338	Whio

Table AB.3: Sites of Significance - Aquatic (SOS-A) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>Site</u>	<u>Map-Ref Locality Description</u>	<u>Species</u>
		<u>Waione Stream</u>	From the confluence with the Whanganui River at approx. NZMS 260 S19:276-427 to approx. NZMS 260 S19:245-396	<u>Whio</u>
		<u>Waipari Stream</u>	From the confluence with the Whanganui River at approx. NZMS 260 S19:269-456 to approx. NZMS 260 S18:282-516	<u>Whio</u>
		<u>Waionenui Stream</u>	From the confluence with the Waipari Stream at approx. NZMS 260 S19:289-476 to approx. NZMS 260 S19:292-478	<u>Whio</u>
		<u>Waione Stream</u>	From the confluence with the Waipari Stream at approx. NZMS 260 S19:282-465 to approx. NZMS 260 S19:286-462	<u>Whio</u>
Upper Whanganui and Cherry Grove (Whai 1)	Upper Whanganui and Cherry Grove (Whai 1 and Whai 2a)	Whanganui River	From the confluence with the Whakapapa River at approx. NZMS 260 S19:188-496 to source approx. NZMS 260 T19:334-332	Whio
Cherry Grove (Whai 2)	Upper and Lower Whakapapa (Whai 2b and Whai 2c)	Whakapapa River and Whakapapaiti Stream	From the confluence with the Whanganui River at approx. NZMS 260 S19:188-495 to approx. S19:237-224 (SH47 Bridge) source	Whio
	<u>Upper Whakapapa (Whai 2b)</u>	<u>Waikare Stream</u>	From the confluence with the Whakapapaiti Stream at approx. NZMS 260 S19:238-224 to approx. NZMS 260 S19:287-216	<u>Whio</u>
		<u>Mangahuia Stream</u>	From the confluence with the Whakapapaiti Stream at approx. NZMS 260 S19:233-230 to approx. NZMS 260 S19:238-166	<u>Whio</u>
		<u>Whakapapanui Stream</u>	From the confluence with the Whakapapa River at approx. NZMS 260 S19:243-269 to source	<u>Whio</u>
		<u>Papamanuka Stream</u>	From the confluence with the Whakapapa River at approx. NZMS 260 S19:233-289 to approx. NZMS 260 S19:254-287	<u>Whio</u>
	<u>Lower Whakapapa (Whai 2c)</u>	<u>Otamawairua Stream</u>	From the confluence with the Whakapapa River at approx. NZMS 260 S19:196-324 to approx. NZMS 260 S19:240-337	<u>Whio</u>
	<u>Piopiotea (Whai 2d)</u>	<u>Piopiotea Stream</u>	From the confluence with the Whakapapa River at approx. NZMS 260 S19:174-356 to approx. NZMS 260 S19:183-275	<u>Whio</u>
		<u>Tepure Stream</u>	From the confluence with the Piopiotea Stream at approx. NZMS 260 S19:160-328 to approx. NZMS 260 S19:168-316	<u>Whio</u>
	<u>Pungapunga (Whai 2e)</u>	Pungapunga River	From approx. NZMS 260 S18:291-612 to source	Whio
		Pungapunga River	From approx. NZMS 260 S18:234-573 to source	Koaro
	<u>Upper Ongarue (Whai 2f)</u>	Ongarue River and tributaries	From approx. NZMS 260 T17:314-864 to source	Whio
		Mangatukutuku Stream	From approx. NZMS 260 S18:166-770 to approx. S18:204-729	Whio
		Maramataha River	From approx. NZMS 260 S17:176-825 to source	Whio
		Piropiro Stream	From the confluence with the Maramataha River at approx. NZMS 260 S17:251-804 to source	Whio

Table AB.3: Sites of Significance - Aquatic (SOS-A) Value in the Region

Water Management Zone*	Sub-zone*	Site	Map-Ref Locality Description	Species
		Paupangonui Stream	From the confluence with the Piropiro River at approx. NZMS 260 S17:265-819 to source	Whio
		Totara Stream	From the confluence with the Maramataha River at approx. NZMS 260 S18:271-796 to source	Whio
		Unnamed Maramataha River Tributary	From the confluence with the Maramataha River at approx. NZMS 260 S18:273-793 to source	Whio
	Lower Ongarue (Whai 2g)	Opotiki Stream	From approx. NZMS 260 S18:022-633 to source	Shortjaw kokopu
Te Maire (Whai 3)	Te Maire (Whai 3)	Motutara Stream	From the confluence with Whanganui River at approx. NZMS 260 S19:000-488 to source	Shortjaw kokopu
Middle Whanganui (Whai 4)	Middle Whanganui (Whai 4a)	Whanganui River Tributary	From the confluence with the Whanganui River at approx. NZMS 260 S19:939-422 to source	Shortjaw kokopu
	Retaruke (Whai 4d)	Retaruke River	From the confluence with the Whanganui River at approx. NZMS 260 R19:890-309 to approx. NZMS 260 S19:072-213	Whio
		Horomea Stream	From approx. NZMS 260 S19:947-252 to source	Whio
		Morinui Stream	From approx. NZMS 260 S19:954-233 to source	Whio
Pipiriki (Whai 5)	Pipiriki (Whai 5a)	Mangapurua Stream and tributaries	From approx. NZMS 260 R20:800-117 to source	Whio
		Mangatiti Stream and tributaries	From approx. NZMS 260 R20:832-079 to source	Whio
		Kaiwhakauka Stream	From approx. NZMS 260 R19:878-305 to source	Whio
		Puketapu Stream	From the confluence with the Whanganui River at approx. NZMS 260 R20:737-180 to source	Redfin bully
		Whanganui River Tributary	From the confluence with the Whanganui River at approx. NZMS 260 R20:793-115 to source	Redfin bully
		Puawaw Stream	From the confluence with the Whanganui River at approx. NZMS 260 R20:819-058 to source	Redfin bully
		Mangaio Stream and tributaries	From the confluence with the Whanganui River at approx. NZMS 260 R20:839-955 to source	Whio and redfin bully
	Tangarakau (Whai 5b)	Waitaanga Stream Tributary	From the confluence with the Waitaanga Stream at approx. NZMS 260 R18:710-645 to source	Redfin bully
		Heao Stream	From approx. NZMS 260 R18:781-513 to source	Shortjaw kokopu and koaro
		Mangarae Stream	From the confluence with the Mangarae Stream at approx. NZMS 260 R19:732-302 to source	Banded kokopu
		Mangarae Stream Tributary	From approx. NZMS 260 R19:728-288 to source	Banded kokopu
	Whangamomona (Whai 5c)	Tirohanga Stream	From the confluence with the Whangamomona River at approx. NZMS 260 R20:658-157 to source	Shortjaw kokopu

Table AB.3: Sites of Significance - Aquatic (SOS-A) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>Site</u>	<u>Map-Ref Locality Description</u>	<u>Species</u>
		Awahou Stream	From the confluence with the Marangae Stream at approx. NZMS 260 R19:587-277 to source	Shortjaw kokopu
		Kuri Stream	From approx. NZMS 260 R20:666-190 to source	Shortjaw kokopu
	Upper Manganui o te Ao	<u>Mangaturuturu River and tributaries</u>	From the confluence with the Manganui o te Ao at approx NZMS 260 S20:056-067 to source	Banded Kokopu and Whio
		<u>Mangaturuturu River Tributary</u>	From the confluence with The Mangaturuturu River at approx NZMS 260 S20:161-083 to source	Koaro
		<u>Manganui o te Ao River Tributary</u>	From the confluence with the Manganui o te Ao River at approx NZMS 260 S20:068-099 to source	Whio
		<u>Manganui o te Ao River</u>	From approx NZMS 260 S20:067-085 to source	Koaro
		<u>Makomiko Stream</u>	From the confluence with the Waimarino Stream at approx NZMS 260 S20:153-168 to source	Koaro
		<u>Makatote River</u>	From the confluence with the Manganui o te Ao River at approx NZMS 260 S20:128-119 to source	Koaro and Whio
	<u>Upper and Middle Manganui o te Ao (Whai 5d and Whai 5g)</u>	<u>Manganui o te Ao River</u>	From approx. NZMS 260 S20:067-085 to source	Koaro
	<u>Upper Middle and Lower Manganui o te Ao (Whai 5d, Whai 5g and Whai 5i)</u>	Manganui o te Ao River	From the confluence with the Whanganui River at approx. NZMS 260 R20:861-980 to source	Whio
	<u>Makatote (Whai 5e)</u>	<u>Makatote River</u>	From the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:128-119 to source	Koaro and whio
	<u>Waimarino (Whai 5f)</u>	<u>Waimarino Stream</u>	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	Whio
		<u>Makomiko Stream</u>	From the confluence with the Waimarino Stream at approx. NZMS 260 S20:153-168 to source	Koaro
	<u>Middle Manganui o te Ao (Whai 5g)</u>	<u>Manganui o te Ao River Tributary</u>	From the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:068-099 to source	Whio
	<u>Mangaturuturu (Whai 5h)</u>	<u>Mangaturuturu River and tributaries</u>	From the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:056-067 to source	Banded kokopu and whio
		<u>Mangaturuturu River Tributary</u>	From the confluence with the Mangaturuturu River at approx. NZMS 260 S20:161-083 to source	Koaro
	<u>Lower Manganui o te Ao (Whai 5e)</u>	<u>Orautoha</u>	From the confluence with Manganui o te Ao at approx NZMS 260 S20:027-067 to source	Whio

Table AB.3: Sites of Significance - Aquatic (SOS-A) Value in the Region

Water Management Zone*	Sub-zone*	Site	Map-Ref Locality Description	Species
		Ruatiti Stream	From the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:993-080 to source	Whio and shortjaw kokopu
		Makino Stream Tributary	From approx. NZMS 260 S20:011-130 to source	Shortjaw kokopu and koaro
		Ohangaia Stream	From the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:919-021 to source	Redfin bully
		<u>Orautoha (Whai 5j)</u>	<u>Orautoha</u>	<u>From the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:027-067 to source</u>
Paetawa (Whai 6)	Paetawa (Whai 6)	Kaukore Stream	From the confluence with the Whanganui River at approx. NZMS 260 R21:859-894 to source	Shortjaw kokopu, redfin bully, koaro
		Whanganui River	From approx. NZMS 260 R21:861-858 to approx. NZMS 260 R21:861-892	Redfin bully
		Riripo Stream	From the confluence with the Whanganui River at approx. NZMS 260 S21:915-777 to source	Redfin bully
		Otuporiki Stream	From the confluence with the Whanganui River at approx. NZMS 260 S21:950-696 to source	Redfin bully
		Taupiri Stream	From the confluence with the Whanganui River at approx. NZMS 260 S21:942-624 to source	Redfin bully
		Whauteihi Stream	From the confluence with Whanganui River at approx. NZMS 260 S22:959-577 to source	Bluegill bully
Lower Whanganui (Whai 7)	<u>Lower Whanganui (Whai 7a)</u>	Kauarapaoa Stream	From approx. NZMS 260 S22:900-558 to source	Redfin bully
	<u>Upokongaro (Whai 7c)</u>	Mongotai Stream	From the confluence with the Upokongaro Stream at approx. NZMS 260 S22:958-511 to source	Lamprey
Upper Whangaehu (Whau 1)	<u>Upper Whangaehu (Whau 1a)</u>	Unnamed Tributary of the Whangaehu River	From approx. NZMS 260 T20:410-019 to source	Whio
		Makahikatoa Stream and tributaries	From approx. NZMS 260 T20:396-008 to source	Whio
		Wahianoa Stream	From approx. NZMS 260 T20:365-039 to source	Whio
	<u>Tokiahuru (Whau 1c)</u>	Unnamed Tributary of the Tokiahuru Stream	From approx. NZMS 260 T20:341-027 to source	Whio
		Unnamed Tributary of the Unuunuakapuatariki Stream	From approx. NZMS 260 T20:329-989 to source	Whio
		Unuunuakapuatariki Stream and tributaries	From approx. NZMS 260 T20:312-960 to source	Whio
Lower Whangaehu (Whau 3)	<u>Lower Whangaehu (Whau 3a)</u>	Taukoro Stream	From the confluence with the Mangawhero River at approx. NZMS 260 S22:083-566 to source	Koaro
	Upper Mangawhero	Mangawhero River	From approx. NZMS 260 S20:179-978 (Ohakune) to source	Whio

Table AB.3: Sites of Significance - Aquatic (SOS-A) Value in the Region

Water Management Zone*	Sub-zone*	Site	Map-Ref Locality Description	Species
	(Whau 3d)	Taonui Stream	From approx. NZMS 260 S20:135-009 to approx. NZMS 260 S20:160-021	Whio
	Lower Mangawhero (Whau 3e)	Mangawhero River	From approx. NZMS 260 S21:067-875 to approx. NZMS 260 S20:080-903	Whio
Turakina (Tura 1)	Lower Upper Turakina (Tura 1b)	Turakina River Tributary	From the confluence with the Turakina River at approx. NZMS 260 S22:090-361 to approx. NZMS 260 S22:104-350	Redfin bully
Ohau (Ohau 1)	Upper Ohau (Ohau 1a)	Waiti Stream	From the confluence with the Ohau River at approx. NZMS 260 S25:118-604 to source	Redfin bully
	Upper and Lower Ohau (Ohau 1a and Ohau 1b)	Ohau River	From approx. NZMS 260 S25:061-575 to approx. NZMS 260 S25:098-588	Redfin bully, bluegill bully and banded kokopu
		Lower Ohau (Ohau 1b)	Ohau River	From approx. NZMS 260 S25:982-578 to approx. NZMS 260 S25:039-574
		Makorokio Stream	From the confluence with the Ohau River at approx. NZMS 260 S25:018-563 to source	Redfin bully, lamprey and shortjaw kokopu
Owahanga (Owha 1)	Owahanga (Owha 1)	Owahanga River	From approx. NZMS 260 U25:902-585 to approx. NZMS 260 U25:889-568	Redfin bully
		Pongaroa River	From approx. NZMS 260 U24:778-708 to source	Redfin bully and shortjaw kokopu
East Coast (East 1)	East Coast (East 1)	Waimata River	From River Mouth the cross-river CMA boundary at approx. NZMS 260 U25:058-691 to approx. NZMS 260 U24:051-710	Redfin bully
		Papuka Stream	From River Mouth the cross-river CMA boundary at approx. NZMS 260 U24:076-705 to approx. NZMS 260 U24:072-723	Redfin bully
		Wainui River	From approx. NZMS 260 V24:112-752 to approx. NZMS 260 V24:102-771	Redfin bully
Akitio (Akit 1)	Upper Akitio (Akit 1a)	Akitio River Tributary	From the confluence with the Akitio River at approx. NZMS 260 U24:955-866 to source	Banded kokopu
	Lower Akitio (Akit 1b)	Middle Creek	From the confluence with the Akitio River at approx. NZMS 260 U25:986-654 to source	Redfin bully and banded kokopu
		Wakawaihine Stream	From the confluence with the Akitio River at approx. NZMS 260 U25:985-657 to approx. NZMS 260 U25:990-677	Redfin bully
		Wakawaihine Stream Tributary	From approx. NZMS 260 U25:998-696 to source	Redfin bully
Northern Coastal (West 1)	Northern Coastal (West 1)	Okehu Stream	From approx. NZMS 260 R22:713-495 to approx. NZMS 260 R22:731-531	Redfin bully
Mowhanau (West 3)	Mowhanau (West 3)	Mowhanau Stream	From the River Mouth cross-river CMA boundary at approx. NZMS 260 R22:2672640-6144895 to approx. NZMS 260 R22:743-462	Redfin bully
Southern Whanganui Lakes (West 5)	Southern Whanganui Lakes (West 5)	Unnamed Stream Santoft Forest	From River Mouth the cross-river CMA boundary at approx. NZMS 260 S23:954-173 to Lake Koitiata at approx. NZMS 260 S23:973-185	Banded kokopu
		Waimahora Stream	From River Mouth the cross-river CMA boundary at approx. NZMS 260 S23:961-153 to approx. NZMS 260 S23:989-154	Banded kokopu

Table AB.3: Sites of Significance - Aquatic (SOS-A) Value in the Region

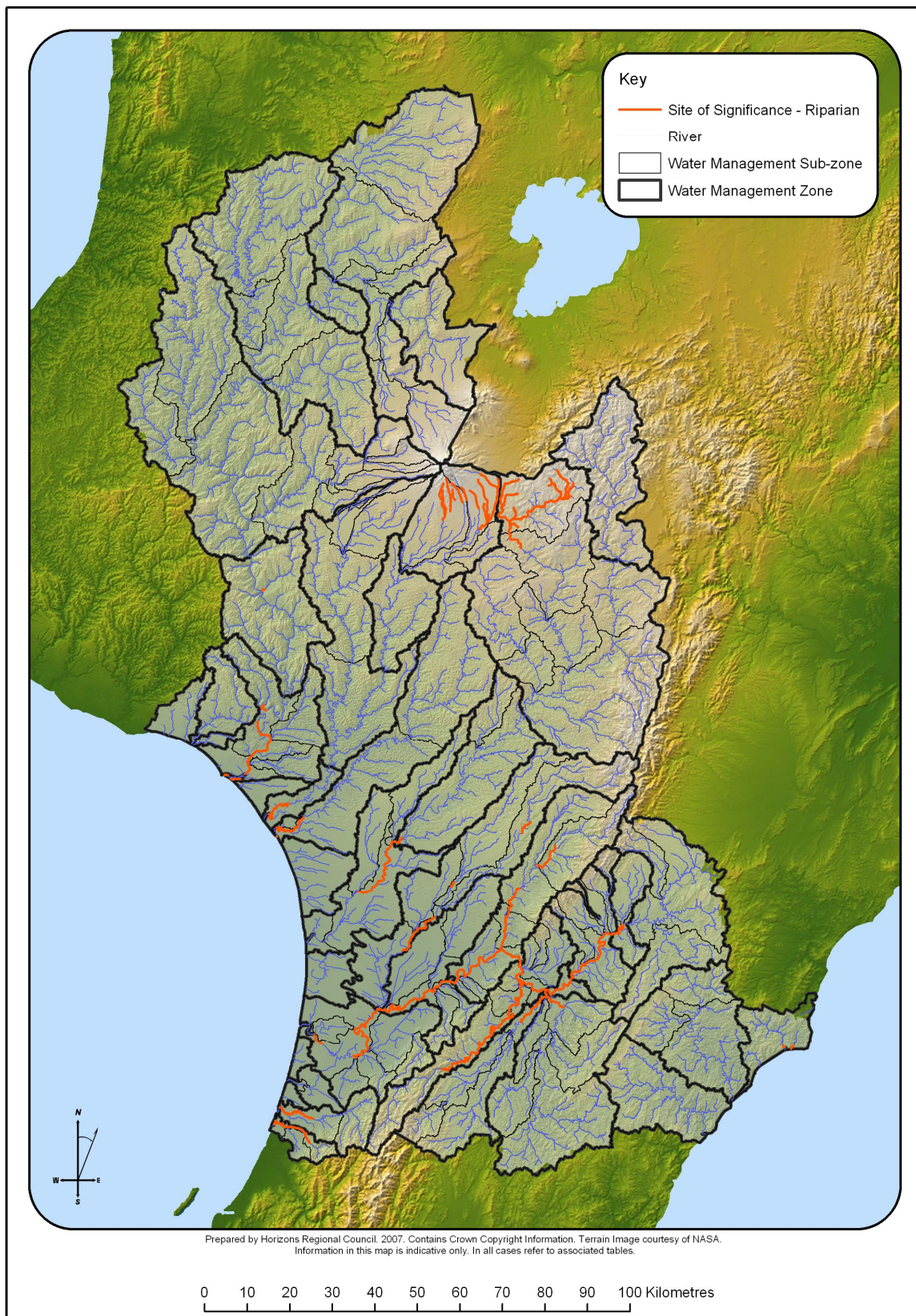
<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>Site</u>	<u>Map-Ref Locality Description</u>	<u>Species</u>
Northern Manawatu Lakes (West 6)	Northern Manawatu Lakes (West 6)	Kaikokopu Stream	From River Mouth the cross-river CMA boundary at approx. NZMS 260 S24:992-905 to approx. NZMS 260 S24:009-902	Redfin bully
Lake Papaitonga (West 8)	Lake Papaitonga (West 8)	Lake Papaitonga	Lake Papaitonga Wetland at approx. NZMS 260 S25:991-600	Brown mudfish
		Lake Papaitonga and tributaries	From the confluence with Lake Papaitonga and Waiwiri Stream at approx. NZMS 260 S25:977-600 to source	Banded kokopu
Waikawa (West 9)	Waikawa (West 9)	Panatewaewae Stream	From the confluence with the Waikawa Stream at approx. NZMS 260 S25:017-498 to source	Koaro
		Waikawa Stream	Waikawa Stream mainstem from Mouth the cross-river CMA boundary at NZMS 260 S25:2691531-6055429 to source	Shortjaw kokopu and redfin bully
Lake Horowhenua (Hoki 1)	Lake Horowhenua (Hoki 1a)	Patiki Stream	From the confluence with Lake Horowhenua at approx. NZMS 260 S25:019-642 to source	Giant kokopu

[Formerly POP at D-28 to D-35]



Map D:12 Riparian Sites of Significance in the Manawatu-Wanganui Region [Formerly POP at D-36]

Sites of Significance - Riparian (SOS-R) Value



Map AB:4 Visual Guide to the Distribution of the Sites of Significance - Riparian (SOS-R) Value

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

Table AB.4: Sites of Significance - Riparian (SOS-R) Value in the Region				
Water Management Zone*	Sub-zone*	River^A	Locality Description	Riparian Habitat Value
Manawatu Weber-to - Tamaki (Mana 2)	Weber-Tamaki (Mana 2a)	Manawatu River	From approx. NZMS 260 U23:708-003 to approx. <u>NZMS 260</u> U23:737-025 (confluence with Mangatera Stream)	Gravel and sand (dotterel)
Manawatu-Tamaki-to - Hopelands (Mana 5)	Tamaki-Hopelands (Mana 5a)	Manawatu River	From approx. NZMS 260 T24:614-897 to approx. <u>NZMS 260</u> U23:708-003	Gravel and sand (dotterel)
Hopelands-to -Tiraumea (Mana 6)	Hopelands-Tiraumea (Mana 6)	Manawatu River	From the confluence with the Tiraumea River at approx. NZMS 260 T24:553-871 to approx. <u>NZMS 260</u> T24:614-897	Gravel and sand (dotterel)
Tiraumea (Mana 7)	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. <u>NZMS 260</u> T24:597-831	Gravel and sand (dotterel)
Mangatainoka (Mana 8)	Lower Mangatainoka (Mana 8c)	Mangatainoka River	From the confluence with the Tiraumea River at approx. NZMS 260 T24:557-856 to approx. <u>NZMS 260</u> T24:495-786	Gravel and sand (dotterel)
Upper Gorge (Mana 9)	Upper Gorge (Mana 9a)	<u>Manawatu Mangahao</u> 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. <u>NZMS 260</u> 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. <u>NZMS 260</u> T24:469-826	Gravel and sand (dotterel)
Middle Manawatu (Mana 10)	Middle Manawatu (Mana 10a)	Manawatu River	From Teachers College at approx. NZMS 260 T24:332-891 to the Manawatu Gorge at approx. <u>NZMS 260</u> T24:495-938	Gravel and sand (dotterel)
	Upper Pohangina (Mana 10b)	Pohangina River	From approx. NZMS 260 T23:534-168 to approx. <u>NZMS 260</u> T23:577-213	Gravel and sand (dotterel)
	Middle Pohangina (Mana 10c)	Pohangina River	From approx. NZMS 260 T23:464-043 to approx. <u>NZMS 260</u> 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. <u>NZMS 260</u> T23:464-043	Gravel and sand (dotterel)
Lower Manawatu (Mana 11)	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. <u>NZMS 260</u> T24:332-891	Gravel and sand (dotterel)
Oroua (Mana 12)	Upper Oroua (Mana 12a)	Oroua River	From approx. NZMS 260 T23:500-242 to approx. <u>NZMS 260</u> T23:519-267	Gravel and sand (dotterel)
	Middle Oroua (Mana 12b)	Oroua River	From approx. 200 m upstream of SH3 bridge at approx. NZMS 260 S23:243-005 to SH54 bridge at approx. <u>NZMS 260</u> S23:293-044	Gravel and sand (dotterel)

Table AB.4: Sites of Significance - Riparian (SOS-R) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River^</u>	<u>Locality Description</u>	<u>Riparian Habitat Value</u>
	Lower Oroua (Mana 12c)	Oroua River	From approx. 300 m upstream of Kopane Bridge at approx. NZMS 260 S24:218-965 to approx. 200 m 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 (Mana 13)	Coastal Manawatu (Mana 13a)	Manawatu River	From the River Mouth cross-river CMA boundary at approx NZMS 260 S24:977-787 S24:2700963-6076686 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 (Rang 2)	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 (Rang 3)	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 (Rang 4)	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 (Whai 6)	Paetawa (Whai 6)	Mangoihe Stream	From the confluence with the Whanganui River at approx. NZMS 260 R21:889-813 to approx 1 km upstream of Jerusalem at approx. NZMS 260 R21:894-818	Nankeen night heron roosts
Lower Whanganui (Whai 7)	Lower Whanganui (Whai 7a)	Whanganui River	From the confluence of the Whanganui River and the Kaurapaoa Stream at approx. NZMS 260 R22:886-537 to 1 km 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 1 km 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 R22:799-378 R22:2684857-6138015 to SH3 Bridge at approx. NZMS 260 R22:861-422	Gravel and sand (dotterel) Mud/silt habitat and estuarine roosts (waders)
Upper Whangaehu (Whau 1)	Upper Whangaehu (Whau 1a)	Whangaehu River and tributaries	Upstream f From approx. NZMS 260 T20:397-960 to source	Gravel and sand (dotterel)
		Makahikatoa Stream and tributaries	Upstream f From approx. NZMS 260 T20:396-008 to source	Gravel and sand (dotterel)
		Wahianoa Stream	Upstream f From approx. NZMS 260 T20:370-024 to source	Gravel and sand (dotterel)
	Tokiahuru (Whau 1c)	Unnamed tributary of the Tokiahuru Stream	Upstream f From approx. NZMS 260 T20:359-022 to source	Gravel and sand (dotterel)

Table AB.4: Sites of Significance - Riparian (SOS-R) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River^</u>	<u>Locality Description</u>	<u>Riparian Habitat Value</u>
		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 Unuunuakapuatariki Stream	Upstream from approx. NZMS 260 T20:329-999 to source	Gravel and sand (dotterel)
		Te Unuunuakapuatariki Stream and tributaries	Upstream from approx. NZMS 260 T20:311-980 to source	Gravel and sand (dotterel)
Coastal Whangaehu (Whau 4)	Coastal Whangaehu (Whau 4)	Whangaehu River	From the River Mouth cross-river CMA boundary at approx. NZMS 260 R23:890-274 S23:2690359-6128748 to the SH3 Bridge at approx. NZMS 260 S23:949-311	Gravel and sand (dotterel) Mud/silt habitat and estuarine roosts (waders)
Turakina (Tura 1)	Lower Turakina (Tura 1b)	Turakina River	From the River Mouth cross-river CMA boundary at approx. NZMS 260 S23:924-234 S23:2692145-6125465 to the SH3 Bridge at approx. NZMS 260 S23:985-279	Gravel and sand (dotterel) Mud/silt habitat and estuarine roosts (waders)
Ohau (Ohau 1)	Lower Ohau (Ohau 1b)	Ohau River	From the River Mouth cross-river CMA boundary at approx. NZMS 260 S25:922-582 S25:2692921-6059503 to approx. NZMS 260 S25:007-569	Gravel and sand (dotterel) Mud/silt habitat and estuarine roosts (waders)
East Coast (East 1)	East Coast (East 1)	Wainui River	From the cross-river CMA boundary at approx. NZMS 260 V24:117-727 V24:2811596-6073518 to approx. NZMS 260 V24:113-738	Mud/silt habitat and estuarine roosts (waders)
		Tuatane Stream	From approx. NZMS 260 V24:132-730 to approx. NZMS 260 V24:136-737	Mud/silt habitat and estuarine roosts (waders)
Waikawa (West 9)	Waikawa (West 9a)	Waikawa Stream	From the cross-river CMA boundary at approx. NZMS 260 S25:910-551 (river mouth) S25:2691531-6055429 to approx. NZMS 260 S25:000-511	Gravel and sand (dotterel) Mud/silt habitat and estuarine roosts (waders)

[Formerly POP at D-37 to D-39]



Map D-18 Aesthetics Value in the Manawatu-Wanganui Region

[Formerly POP at D-66]

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

Management Zone	Sub-zone	River/Stream Name	Description	Characteristics/Values
Tiraumea	Makuri	Makuri River and Tributaries	From the confluence with the Tiraumea River at approx NZMS 260 T24:569 774 to source	Recreational values, visual and scenic characteristics – particularly its deeply entrenched gorge downstream of Makuri township and the adjacent Scenic Reserve. Ecological significance – particularly as a fisheries and wildlife habitats and Recognised protection – Local Water Conservation Notice
Mangatainoka	Upper, Middle and Lower Mangatainoka, Makakahi and Mangaramarama	Mangatainoka River and Tributaries	From the confluence with the Tiraumea River at approx NZMS 260 T24:558 856 to source	Recreational values – particularly as an important trout fishery, and Recognised protection – Local Water Conservation Notice
Upper Gorge, Middle Manawatu	Upper Gorge and Middle Manawatu	Manawatu River	From the confluence with the Pohangina River at approx NZMS 260 T24:449 966 to the Ballance bridge at approx T24:494 926	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	Pohangina River and Tributaries	From the confluence with the Manawatu River at approx NZMS 260 T24:449 966 to source	Visual and scenic characteristics – particularly the river and valley landscape.
Oroua	Upper Oroua River	Oroua River and Tributaries	From the confluence with the Mangairoa Stream at approx NZMS 260 T22:577 379 to source	Visual and scenic characteristics – particularly its riparian margins, Recreational values
Upper Rangitikei	Upper Rangitikei	Rangitikei River and Tributaries	From the confluence with the Makahikatoa Stream at approx NZMS 260 U24:725 888 to source	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
Middle Rangitikei	Pukeokahu – Mangaweka	Whakaurekou River and Tributaries	From the confluence with the Rangitikei River at approx NZMS 260 U21:712 691 to source	Recreational value – 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
		Kawhatau River and Tributaries	From the confluence with the Rangitikei River at approx NZMS 260 T22:504 551 to source	
	Upper Hautapu	Hautapu River and Tributaries	From the confluence with the Oraukura Stream at approx NZMS 260 T21:510 670 to source	
Middle and Lower Rangitikei	Middle Rangitikei, Pukeokahu – Mangaweka and Lower Rangitikei	Rangitikei River	From the Mangaroro Bridge at approx NZMS 260 T22:483 496 to the confluence with the Makahikatoa Stream at approx U24:725 888	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.

Management Zone	Sub-zone	River/Stream Name	Description	Characteristics/Values
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	Whanganui River	The Whanganui River and catchment upstream of Aramoana at approx NZMS 260 S22:933-510 to source	Visual and scenic characteristics particularly the gorge landscapes and papa rock formations.
Cherry Grove	Upper and Lower Whakapapa Catchment	Whakapapa River and Tributaries	From confluence with the Whanganui River at approx NZMS 260 S19:189-496 to source.	Visual and scenic characteristics and Recreational Values and Ecological significance – particularly in providing a habitat for blue duck
Pipiriki	Upper Manganui o te Ao	Makatote River	From the confluence with the Manganui o te Ao River at approx NZMS 260 S20:128-120 to source	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; 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	Orautoha Stream	From the confluence with the Manganui o te Ao River at approx NZMS 260 S20:026-067 to source	
	Upper and Lower Manganui o te Ao	Manganui o Te Ao River	From the confluence with the Whanganui River at approx NZMS 260 R20:861-979 to source	

[Formerly POP at D-67 to D-68]



Map D:13 Native Fish Spawning Value in the Manawatu-Wanganui Region [Formerly POP at D-40]

Inanga Spawning (IS) Value



Figure AB:5 Visual Guide to the Distribution of the Inanga Spawning (IS) Value

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

Table AB.5: Inanga Spawning (IS) Value in the Region			
Water Management Zone*	Sub-zone*	River/Stream Name	Reference Locality Description
Coastal Manawatu (Mana 13)	Coastal Manawatu (Mana 13a)	Manawatu River	From the river mouth <u>cross-river CMA boundary at NZMS 260 S24:2700963-6076686</u> to a point 100 metres upstream of the CMA boundary located at the seaward edge of Foxton Loop at approx NZMS 260 S24:010-765
		Whitebait Creek	From the confluence with the Manawatu River from at approx. NZMS 260 S24:982-791 to S source
Coastal Rangitikei (Rang 4)	Tidal Rangitikei (Rang 4b)	Rangitikei River	From the river mouth <u>cross-river CMA boundary at NZMS 260 S23:2700960-6100119</u> to a point 100 metres upstream of the 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 (Whai 7)	Lower Whanganui (Whai 7a)	Mateongaonga Stream	From the confluence with the Whanganui River at approx. NZMS 260 R22:8763-434 to Kaimatira Road at approx. <u>NZMS 260 R22:889-422</u>
	Coastal Whanganui (Whai 7b)	Whanganui River	From the river mouth <u>cross-river CMA boundary at NZMS 260 R22:2684857-6138015</u> 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 R22:848-384
		Stream opposite Corliss Island	From the confluence with the Whanganui River at approx. NZMS 260 R22:836-374 to <u>State Highway 3 SH3</u> at approx. <u>NZMS 260 R22:862-370</u>
	Omapu Stream	From the stream mouth <u>cross-river CMA boundary</u> to a point 1 km upstream at approx. NZMS 260 R22:750-441	
Matarawa (Whai 7d)	Matarawa Stream	From the confluence with the Whanganui River at approx. NZMS 260 R22:858-398 to <u>Ikitara Street Road</u> at approx. <u>NZMS 260 R22:869-409</u>	
Coastal Whangaehu (Whau 4)	Coastal Whangaehu (Whau 4)	Whangaehu River	From the river mouth <u>cross-river CMA boundary at NZMS 260 S23:2690359-6128748</u> 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 (Ohau 1)	Lower Ohau (Ohau 1b)	Ohau River	From the river mouth <u>cross-river CMA boundary at NZMS 260 S25:2692921-6059503</u> to a point <u>5 km upstream at approx. NZMS 260 S25:948-579</u>
		Lake Waitaha Drain	From the confluence with the Ohau River at approx. NZMS 260 S25:946-580 to the Lake Waitaha outlet at approx. <u>NZMS 260 S25:954-605</u>

Table AB.5: Inanga Spawning (IS) Value in the Region

Water Management Zone*	Sub-zone*	River/Stream Name	Reference Locality Description
Akitio (Akit 1)	Lower Akitio (Akit 1b)	Akitio River	From the river mouth <u>cross-river CMA boundary at NZMS 260 U25:2799657-6061852</u> to a point 100 metres upstream of the CMA boundary located at the seaward edge of the bridge that crosses the river at <u>NZMS 260 U25:996-619</u>
		Whakawaihine Stream	From the confluence with the Akitio River at approx. NZMS 260 U25:985-657 to a point approx. two kilometres <u>2 km</u> upstream at approx. <u>NZMS 260 U25:989-670</u>
Northern Coastal (West 1)	Northern Coastal (West 1)	Okehu Stream	From the stream mouth <u>cross-river CMA boundary to the intersection with SH3 at</u> approx. NZMS 260 R22:717-510
Kai-Iwi Kai Iwi (West 2)	Kai-Iwi Kai Iwi (West 2)	Kai-Iwi Kai Iwi Stream	From the stream mouth <u>to 100 metres upstream of the cross-river CMA boundary located at the seaward edge of the bridge that crosses the stream at</u> NZMS 260 R22:721-452 <u>R22:2672262-6145059 to</u> approx. NZMS 260 R22:721-519
Mowhanau (West 3)	Mowhanau (West 3)	Mowhanau Stream	From the stream mouth <u>cross-river CMA boundary at NZMS 260 R22:2672640-6144895</u> to Rapanui Road at approx. NZMS 260 R22:731-452
Kaitoke Lakes (West 4)	Kaitoke Lakes (West 4)	Kaitoke Stream	From the stream mouth <u>cross-river CMA boundary to Kaitoke Lake at</u> approx. NZMS 260:R22:869-358
Southern Whanganui Lakes (West 5)	Southern Whanganui Lakes (West 5)	Koitiata Stream	From the stream mouth <u>cross-river CMA boundary to a point 5 km upstream at</u> approx. NZMS 260 S23:987-191
		Waimahora Stream	From the stream mouth <u>cross-river CMA boundary to intersection with Santoft Rd at</u> approx. NZMS 260 S23:001-154
		Raumi Range Stream	From the stream mouth <u>cross-river CMA boundary to source</u>
Northern Manawatu Lakes (West 6)	Northern Manawatu Lakes (West 6)	Kaikokopu Stream	From the stream mouth <u>cross-river CMA boundary to Lake Kaikokopu at</u> approx. NZMS 260 S24:019-899
		4 Mile Creek	From the stream mouth <u>cross-river CMA boundary to Lake Pukepuke at</u> approx. NZMS 260 S24:024-937
Lake Papiaitonga (West 8)	Lake Papiaitonga (West 8)	Waiwiri Stream	No location defined, assume if From the stream mouth <u>cross-river CMA boundary to a point 500 m upstream at</u> approx. NZMS 260 S25:939-618
Lake Horowhenua (West 9)	Hokio (Hoki 1b)	Hokio Stream	From the stream mouth <u>cross-river CMA boundary at NZMS 260 S25:2694967-6065799</u> to 100 metres upstream of the CMA boundary located at the seaward edge of the bridge that crosses the stream at <u>NZMS 260 S25:950-659</u>

[Formerly POP at D-41 to D-42]

Recreational and Cultural Values



Map D:14 Amenity Value in the Manawatu-Wanganui Region

[Formerly POP at D-43]

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

Management Zone	Sub-zone	Site	Description
Upper Manawatu	Upper Manawatu	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	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	Mangatainoka River	From approx NZMS 260 T24:503-806 to approx T24:500-802
		Mangatainoka River at SH2 Reserve	At approx NZMS 260 T24:528-832
	Makakahi	Makakahi River at Bridge Street/Eketahuna	At approx NZMS 260 T25:383-588
Upper Gorge	Upper Mangahao	Mangahao River at Marima Domain	At approx NZMS 260 T24:398-745
Middle Manawatu	Middle Manawatu	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	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	Manawatu River	From approx NZMS 260 S24:291-872 to approx T24:353-919
Lower Manawatu	Turitea	Turitea Stream	From approx NZMS 260 T24:316-882 to approx NZMS 260 T24:334-869
	Kahuterawa	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	Mangaone Stream	From approx NZMS 260 S24:286-877 to approx T24:313-954
Oroua	Upper Oroua	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	Oroua River at Timona Park	At approx NZMS 260 S23:299-064
		Oroua River	From approx NZMS 260 S24:293-043 to confluence with the Kiwitea Stream at approx NZMS 260 T23:308-066
	Kiwitea	Kiwitea Stream	From confluence with the Oroua River at approx NZMS 260 T23:308-066 to approx NZMS 260 T23:311-075
	Makino	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
		Tokomaru River Bank Reserve (SH57)	At approx NZMS 260 S24:222-770
	Foxton Loop	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	Pukekohu—Mangaweka	Rangitikei River upstream Hautapu Confluence (Toe-Toe Rd)	At approx NZMS 260 T22:531-573
	Upper and Lower Hautapu	Hautapu River	From the confluence with the Otaihape Stream at approx NZMS 260 T21:507-656 to approx T21:502-671
	Lower Hautapu	Hautapu River at Papakai Park/Spooner's Hill	At approx NZMS 260 T21:505-670

Management Zone	Sub-zone	Site	Description
		Otaihape Stream	From confluence with the Hautapu River at approx NZMS 260 T21:507 656 to approx T21:492 652
Lower Rangitikei	Lower Rangitikei	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	Tutaenui Stream	From approx NZMS 260 S23:133 209 to approx S23:133 252
Cherry Grove	Cherry Grove	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 Confluence with the Ongarue River at approx NZMS 260 S18:055 544 to approx S18:100 554
	Lower Whakapapa	Whakapapa River at Owhango	At approx NZMS 260 S19:178 426
	Lower Ongarue	Ongarue River at various swimming holes at Taringamotu	At approx NZMS 260 S18:057 546
Ongarue River		From Confluence with the Whanganui River at approx NZMS 260 S18:055 544 to approx S18:043 575	
Pipiriki	Lower Manganui o to Ao	Manganui o to Ao River at Ruatiti	At approx NZMS 260 S20:996 079
Lower Whanganui	Lower Whanganui	Whanganui River at Mosquito Point	At approx NZMS 260 S22:902 473
	Lower and Coastal Whanganui	Whanganui River	From River Mouth to approx NZMS 260 R22:888 434
	Coastal Whanganui	Castlecliff Beach	At approx NZMS 260 R22:788 388
	Matarawa	Matarawa Stream	From Confluence with the Whanganui River at approx NZMS 260 R22:857 397 to approx R22:872 408
Lower Whangaehu	Upper Mangawhere	Mangawhere River	From approx. NZMS 260 S20:156 963 to approx S20:178 976
Coastal Whangaehu	Coastal Whangaehu	Whangaehu Beach	At approx NZMS 260 R23:893 269
Lower Turakina	Lower Turakina	Turakina Beach – Koitiata	At approx NZMS 260 S23:921 234
Ohau	Lower Ohau	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	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	Lake Wiritoa	At approx NZMS 260 R22:882 344

Management Zone	Sub-zone	Site	Description
		South Beach	At approx NZMS 260 R22:882-344
Southern Wanganui Lakes	Southern Wanganui Lakes	Lake Dudding	At approx NZMS 260 S23:045-203
Northern Manawatu Lakes	Northern Manawatu Lakes	Kaikokupu Stream at Himatangi Beach	At approx NZMS 260 S24:993-905
		Himatangi Beach	At approx NZMS 260 S24:991-905
Waitarere	Waitarere	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

[Formerly POP at D-44 to D-46]



~~Map D-15 Native Fishery Value in the Manawatu-Wanganui Region~~

[Formerly POP at D-47]

Whitebait* Migration (WM) Value



Figure AB:6 Visual Guide to the Distribution of the *Whitebait** Migration (WM) Value

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

Table AB.6: <u>Whitebait</u>* Migration (WM) Value in the Region			
<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River^/Stream Name</u>	<u>Reference Locality Description</u>
Coastal Manawatu (<u>Mana 13</u>)	Coastal Manawatu (<u>Mana 13a</u>)	Manawatu River	From the river mouth cross-river CMA boundary at NZMS 260 S24:2700963-6076686 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 S24:982-791 to source
Coastal Rangitikei (<u>Rang 4</u>)	Tidal Rangitikei (<u>Rang 4b</u>)	Rangitikei River	From the river mouth cross-river CMA boundary at NZMS 260 S23:2700960-6100119 to a point 100 metres upstream of the 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 (<u>Whai 7</u>)	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 NZMS 260 R22:2684857-6138015 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 cross-river CMA boundary to a point 1 km 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 the intersection with Ikitara Road at approx. NZMS 260 R22:869-409
Coastal Whangaehu (<u>Whau 4</u>)	Coastal Whangaehu (<u>Whau 4</u>)	Whangaehu River	From the river mouth cross-river CMA boundary at NZMS 260 S23:2690359-6128748 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 AB.6: *Whitebait Migration (WM) Value in the Region**

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River/Stream Name</u>	<u>Reference Locality Description</u>
Ohau (Ohau 1)	Lower Ohau (Ohau 1b)	Ohau River	From the river mouth <u>cross-river CMA boundary at NZMS 260 S25:2692921-6059503</u> to a point 5km upstream at approx. NZMS 260 <u>S25:948-579</u>
		Lake Waitaha Drain	From the confluence with the Ohau River at approx. NZMS 260 S25:946-580 to the Lake Waitaha outlet at approx. <u>NZMS 260 S25:954-605</u>
Akitio (Akit 1)	Lower Akitio (Akit 1b)	Akitio River	From the river mouth <u>cross-river CMA boundary at NZMS 260 U25:2799657-6061852</u> to a point 100 metres upstream of the CMA boundary located at the seaward edge of the bridge that crosses the river at approx. NZMS 260 <u>U25:996-619</u>
		Whakawaihine Stream	From the confluence with the Akitio River at approx. NZMS 260 U25:985-657 to a point approx. two kilometres <u>2 km</u> upstream at approx. <u>NZMS 260 U25:989-670</u>
Northern Coastal (West 1)	Northern Coastal (West 1)	Okehu Stream	From the cross-river stream mouth <u>CMA boundary</u> to the intersection with SH3 at approx. NZMS 260 R22:717-510
Kai Iwi Kai Iwi (West 2)	Kai Iwi Kai Iwi (West 2)	Kai Iwi Kai Iwi Stream	From the stream mouth <u>cross-river CMA boundary at NZMS 260 R22:2672262-6145059</u> to the intersection with SH3 at approx. NZMS 260 R22:749-492
Mowhanau (West 3)	Mowhanau (West 3)	Mowhanau Stream	From the stream mouth <u>cross-river CMA boundary to a point 1km upstream at approx</u> NZMS 260 <u>R22:2672640-6144895</u> to approx. NZMS 260 R22:736-452
Kaitoke Lakes (West 4)	Kaitoke Lakes (West 4)	Kaitoke Stream	From the stream mouth <u>cross-river CMA boundary</u> to Kaitoke Lake at approx. NZMS 260 R22:869-358
Southern Whanganui Lakes (West 5)	Southern Whanganui Lakes (West 5)	Koitata Stream	From the stream mouth <u>cross-river CMA boundary</u> to a point 5 km upstream at approx. NZMS 260 S23:987-191
		Waimahora Stream	From the stream mouth <u>cross-river CMA boundary</u> to the intersection with Santoft Rd at approx. NZMS 260 S23:001-154
		Raumai Range Stream	From the stream mouth <u>cross-river CMA boundary</u> at approx. NZMS 260 S23:979-081 to source
Northern Manawatu Lakes (West 6)	Northern Manawatu Lakes (West 6)	Kaikokopu Stream	From the stream mouth <u>cross-river CMA boundary</u> to Lake Kaikokopu at approx. NZMS 260 S24:019-899
		4 Mile Creek	From the stream mouth <u>cross-river CMA boundary</u> to a point 100 m upstream at approx. NZMS 260 S24:024-937
Lake Papiaitonga (West 8)	Lake Papiaitonga (West 8)	Waiwiri Stream	No location defined, assume from <u>From the stream mouth cross-river CMA boundary</u> to a point 500 m upstream at approx. NZMS 260 S25:939-618

Table AB.6: *Whitebait Migration (WM) Value in the Region**

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River/Stream Name</u>	<u>Reference Locality Description</u>
Lake Horowhenua (Hoki 1)	Hokio (Hoki 1b)	Hokio Stream	From the stream mouth cross-river CMA boundary at NZMS 260 S25:2694967-6065799 to Lake Horowhenua

[Formerly POP at D-48 to D-49]

Sites of Significance - Cultural (SOS-C)

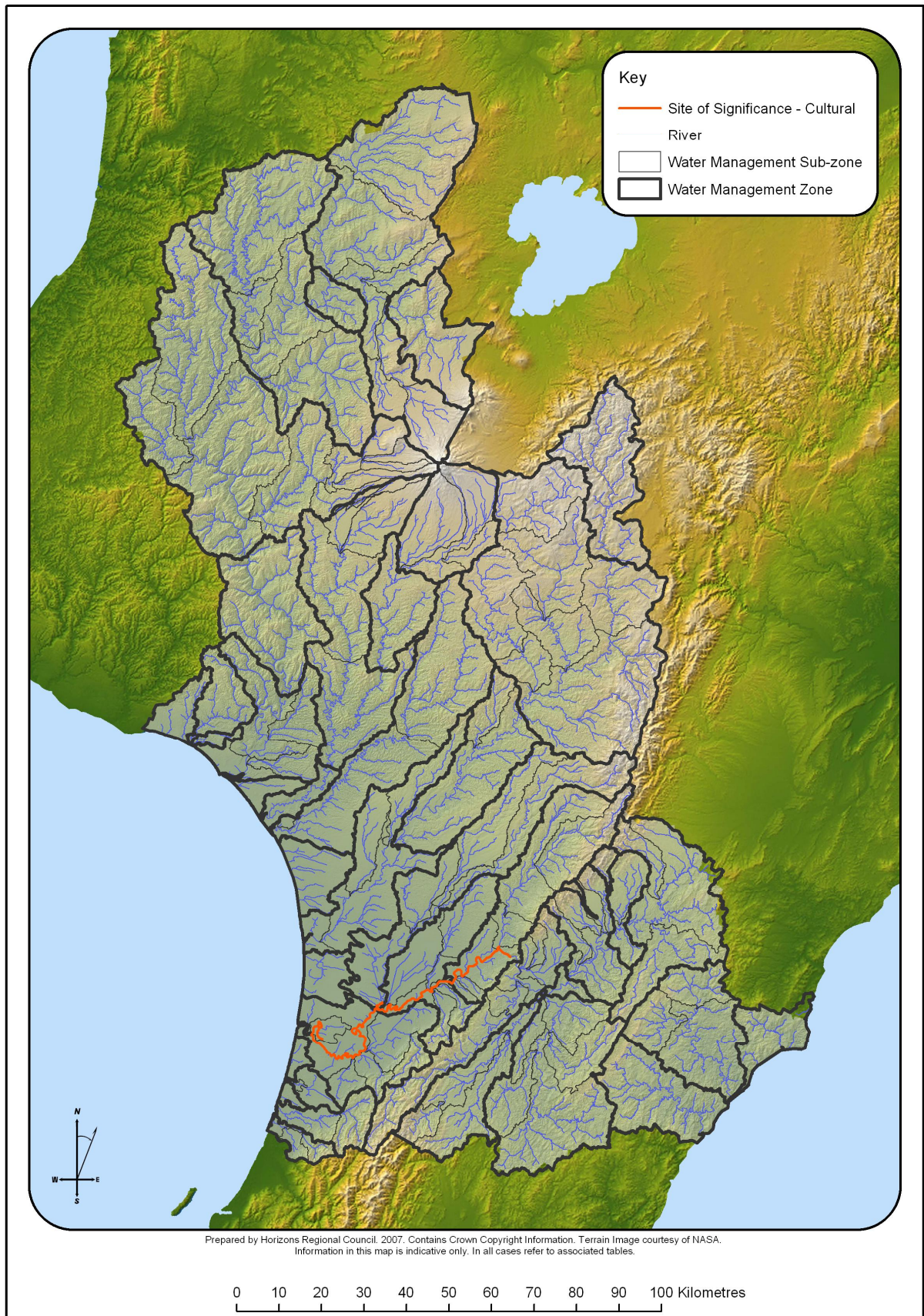


Figure AB:7 Visual Guide to the Distribution of the Sites of Significance - Cultural (SOS-C) Value

Table AB.7: Sites of Significance - Cultural (SOS-C) Value in the Region					
<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River¹</u>	<u>Locality Description¹</u>	<u>Reason</u>	<u>Iwi</u>
Middle, Lower and Coastal Manawatu (Mana 10, Mana 11 and Mana 13)	Middle, Lower and Coastal Manawatu (Mana 10a, Mana 11a and Mana 13a)	Manawatu River	Specific sites* within the reach from the cross-river CMA boundary at NZMS 260 S24:2700963-6076686 to approx. NZMS 260 T24:477-949	Density of cultural and historical sites of significance including <i>wāhi tapu*</i> and <i>taonga*</i>	Rangitaane o Manawatu
Middle Manawatu (Mana 10)	Lower Pohangina (Mana 10d)	Pohangina River	Specific sites* within the reach from the confluence with the Manawatu River at approx. NZMS 260 T24:450-966 to approx. NZMS 260 T24:450-973	Density of cultural and historical sites of significance including <i>wāhi tapu*</i> and <i>taonga*</i>	Rangitaane o Manawatu
Lower Oroua (Mana 12)	Lower Oroua (Mana 12c)	Oroua River	Specific sites* within the reach from approx. NZMS 260 S24:164-825 to a point approx. 150 m upstream of the SH 56 bridge at approx. NZMS 260 S24:176-842	Density of cultural and historical sites of significance including <i>wāhi tapu*</i> and <i>taonga*</i>	Rangitaane o Manawatu
Coastal Manawatu (Mana 13)	Foxton Loop (Mana 13f)	Foxton Loop	Specific sites* within the reach 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 <i>wāhi tapu*</i> and <i>taonga*</i>	Rangitaane o Manawatu

¹ Details of the particular location of the sites* are available from Rangitaane o Manawatu.



Map D:16 Trout Fishery Value in the Manawatu-Wanganui Region

[Formerly POP at D-50]

Trout Fishery (TF) Value

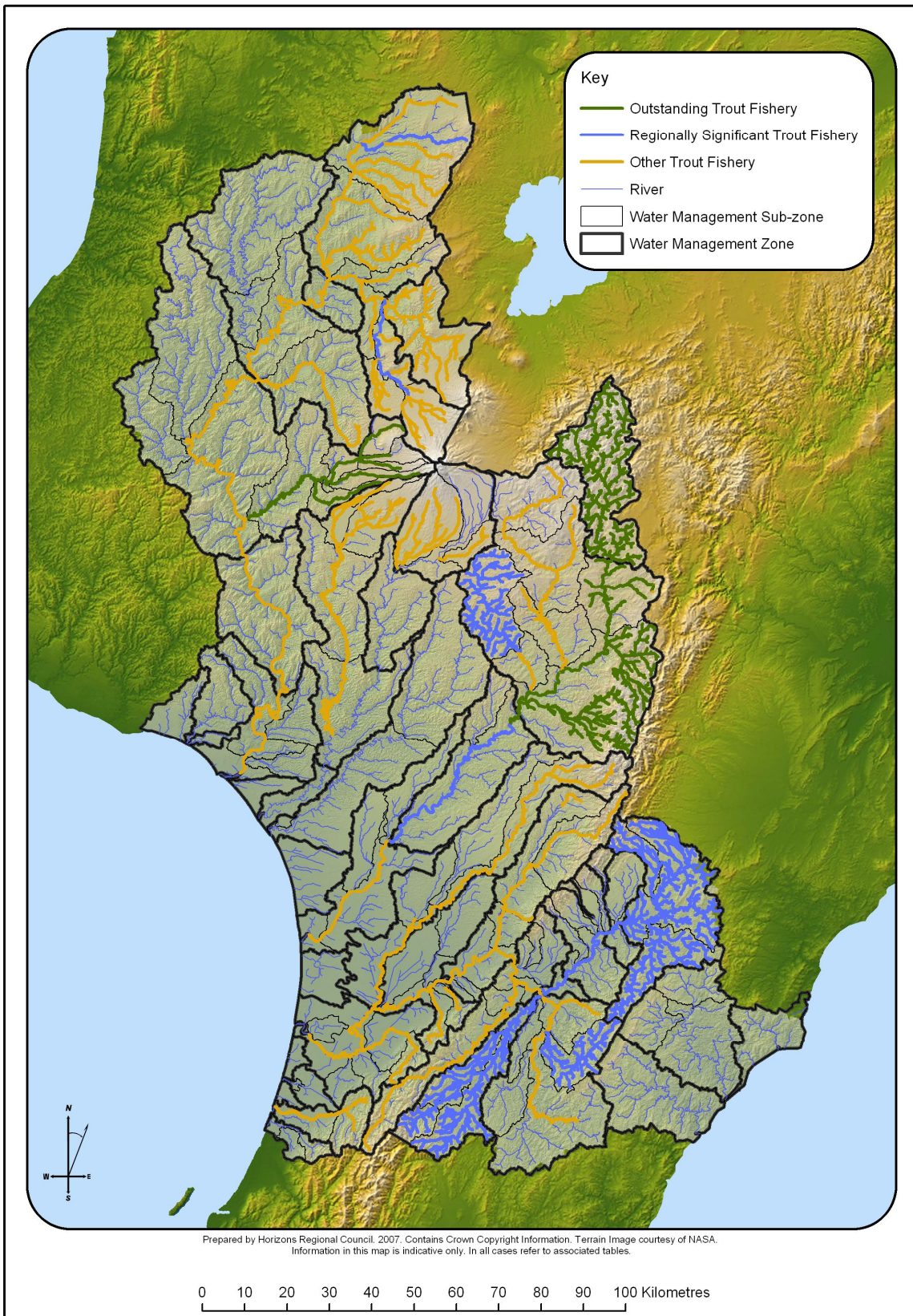


Figure AB:8 Visual Guide to the Distribution of the Trout Fishery (TF) Value

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

Table AB.8: Trout Fishery (TF) Value in the Region				
<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River/Stream Name</u>	<u>Reference Locality Description</u>	<u>Classification</u>
Upper Manawatu, Weber Rd -Tamaki, Tamaki-Hopelands and Hopelands to -Tiraumea (Mana 1, Mana 2, Mana 3, Mana 5 and Mana 6)	Upper Manawatu, Mangatowainui 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	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. <u>NZMS 260 U23:747-027</u> to source	Regionally Significant
Tiraumea (Mana 7)	Upper and Lower Tiraumea (Mana 7a and Mana 7b)	Tiraumea River	From the confluence with the Manawatu River at approx. NZMS 260 T24:553-871 to source	Other Trout Fishery
	Lower Tiraumea (Mana 7b)	Makairo Stream	From approx. NZMS 260 T24: 653-834 <u>598-831</u> to source	Other Trout Fishery
	Makuri (Mana 7d)	Makuri River and tributaries	From the confluence with the Tiraumea River at approx. NZMS 260 T24:568-771 to source	Regionally Significant
Mangatainoka (Mana 8)	Upper, Middle and Lower Mangatainoka and Makakahi (Mana 8a, Mana 8b, Mana 8c and Mana 8d)	Mangatainoka River and tributaries Excluding the Mangaramarama Creek and Tributaries	From the confluence with the Tiraumea River at approx. NZMS 260 T24:556-854 to source	Regionally Significant
Upper Gorge (Mana 9)	Upper Gorge (Mana 9a)	Manawatu River	From approx. NZMS 260 T24:495-938 to the confluence with the Tiraumea River at approx. <u>NZMS 260 T24:553-871</u>	Other Trout Fishery
	Upper and Lower Mangahao (Mana 9d and Mana 9e)	Mangahao River	From the confluence with the Manawatu River at approx. NZMS 260 T24:496-892 to source	Other Trout Fishery
Middle Manawatu (Mana 10)	Middle Manawatu (Mana 10a)	Manawatu River	From approx. NZMS 260 T24:332-890 to approx. <u>NZMS 260 T24:495-938</u>	Other Trout Fishery
	Upper, Middle and Lower Pohangina (Mana 10b, Mana 10c and Mana 10d)	Pohangina River	From the confluence with the Manawatu River at approx. NZMS 260 T24:449-966 to source	Other Trout Fishery
	Middle Pohangina (Mana 10c)	Makiekie (Coal) Creek	From the confluence with the Pohangina River at approx. NZMS 260 T23:528-166 to source	Other Trout Fishery
Lower Manawatu (Mana 11)	Lower Manawatu (Mana 11a)	Manawatu River	From approx. NZMS 260 T24:332-890 to Oroua confluence at approx. <u>NZMS 260 S24:164-825</u>	Other Trout Fishery

Table AB.8: Trout Fishery (TF) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River/Stream Name</u>	<u>Reference Locality Description</u>	<u>Classification</u>
	Turitea (<u>Mana 11b</u>)	Turitea Stream	From approx. 800 m downstream of the Old West Road bridge at approx. NZMS 260 T24:331-875 to approx. <u>NZMS 260 T24:363-825 365-790</u>	Other Trout Fishery
	Kahuterawa (<u>Mana 11c</u>)	Kahuterawa Stream	From the confluence with the Manawatu River at approx. NZMS 260 S24:293-871 to source	Other Trout Fishery
Oroua (<u>Mana 12</u>)	Upper, Middle and Lower Oroua (<u>Mana 12a, Mana 12b and Mana 12c</u>)	Oroua River	From the confluence with the Manawatu River at approx. NZMS 260 S24:164-826 to approx. <u>NZMS 260 U22:729-400</u>	Other Trout Fishery
	Upper Oroua (<u>Mana 12a</u>)	Mangiora Stream	From the confluence with the Oroua River at approx. NZMS 260 T22:577-379 to source	Other Trout Fishery
	Makino (<u>Mana 12d</u>)	Makino Stream	From the confluence with the Oroua River at approx. NZMS 260 S23:243-005 to approx. <u>NZMS 260 S23:260-037</u>	Other Trout Fishery
Coastal Manawatu (<u>Mana 13</u>)	Coastal Manawatu (<u>Mana 13a</u>)	Manawatu River	From 100 metres upstream of the cross-river CMA boundary located at the seaward edge of Foxton Loop at approx. NZMS 260 S24:2700963-6076686 040-767 to the confluence with the Oroua River at approx. <u>NZMS 260 S24:164-825</u>	Other Trout Fishery
	Upper and Lower Tokomaru (<u>Mana 13c and Mana 13d</u>)	Tokomaru River	From the confluence with the Manawatu River at approx. NZMS 260 S24:132-727 to source	Other Trout Fishery
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 U21:725-887 to source	Outstanding
Middle Rangitikei (<u>Rang 2</u>)	Middle Rangitikei (<u>Rang 2a</u>)	Rangitikei River	From approx. NZMS 260 U21:713-707 to the confluence with the Makahikatoa Stream at approx. <u>NZMS 260 U21:725-887</u>	Outstanding
		Porotaiana Stream	From the confluence with the Rangitikei River at approx. NZMS 260 U21:714-878 to source	Outstanding
		Mangaururoa Stream	From the confluence with the Rangitikei River at approx. NZMS 260 U21:710-852 to source	Outstanding
		Whangaipotiki Stream	From the confluence with the Rangitikei River at approx. NZMS 260 U21:700-819 to source	Outstanding
		Mangaohane Stream	From the confluence with the Rangitikei River at approx. NZMS 260 U21:707-818 to source	Outstanding
		Makomiko East Stream	From the confluence with the Rangitikei River at approx. NZMS 260 U21:709-792 to source	Outstanding

Table AB.8: Trout Fishery (TF) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River/Stream Name</u>	<u>Reference Locality Description</u>	<u>Classification</u>
		Tamatipama Stream	From the confluence with the Makomiko East Stream at approx. NZMS 260 U21:681-802 to source	Outstanding
		Waiakaha Stream	From the confluence with the Rangitikei River at approx. NZMS 260 U21:707-785 to source	Outstanding
		Pokopoko Stream	From the confluence with the Rangitikei River at approx. NZMS 260 U21:722-758 to source	Outstanding
	Pukeokahu-Mangaweka (Rang_2b)	Rangitikei River	From approx. NZMS 260 the confluence with the Mangawharariki River at approx. NZMS 260 T22:504-519 to approx. NZMS 260 U21:713-707	Outstanding
		Whakaurekou River and tributaries	From the confluence with the Rangitikei River at approx. NZMS 260 U21:712-690 to source	Outstanding
		Kawhatau River and tributaries	From the confluence with the Rangitikei River at approx. NZMS 260 T22:504-551 to source	Outstanding
	Upper, Middle and Lower Moawhango (Rang_2c, Rang_2d and Rang_2e)	Moawhango River	From the confluence with the Rangitikei River at approx. NZMS 260 T21:609-623 to source	Other Trout Fishery
	Middle Moawhango (Rang_2d)	Aorangi Stream	From the confluence with the Moawhango River at approx. NZMS 260 T21:595-858 to source	Other Trout Fishery
	Lower Moawhango (Rang_2e)	Tikirere Stream	From the confluence with the Moawhango River at approx. NZMS 260 T21:559-741 to source	Other Trout Fishery
	Upper Hautapu (Rang_2f)	Hautapu River and tributaries	From the confluence with the Oraukura Stream at approx. NZMS 260 T21:509-670 to source	Regionally Significant
Lower Hautapu (Rang_2g)	Hautapu River	From the confluence with the Rangitikei River at approx. NZMS 260 T22:528-573 to the Oraukura Stream confluence at approx. NZMS 260 T22:509-670	Other Trout Fishery	
Lower Rangitikei (Rang_2)	Lower Rangitikei (Rang_3a)	Rangitikei River	From the Mangarere Bridge at approx. NZMS 260 T22:483-496 to the confluence with the Mangawharariki River at approx. NZMS 260 T22:504-519	Outstanding
		Rangitikei River	From NZMS 260 S23:200-221 494 to the confluence with the Mangawharariki River Mangarere Bridge at approx. T22:504-519 to NZMS 260 T22:438-496	Regionally Significant

Table AB.8: Trout Fishery (TF) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River/Stream Name</u>	<u>Reference Locality Description</u>	<u>Classification</u>
Coastal Rangitikei (Rang 4)	Coastal/Tidal Rangitikei (Rang 4a and Rang 4b)	Rangitikei River	From 100 metres upstream of the <u>cross-river CMA boundary located at the seaward edge of the boat ramp at approx NZMS 260 S243:2700960-61000119 to approx. NZMS 260 S23:200-221</u>	Other Trout Fishery
Upper Whanganui, Cherry Grove, Te Maire, Middle Whanganui, Pipiriki and Paetawa (Whai 1, Whai 2, Whai 3, Whai 4, Whai 5 and Whai 6)	Upper Whanganui, Cherry Grove, Te Maire, Middle Whanganui, Pipiriki and Paetawa (Whai 1, Whai 2a, Whai 3, Whai 4a, Whai 5a and Whai 6)	Whanganui River	From approx. NZMS 260 S22:937-563 to source	Other Trout Fishery
Upper Whanganui (Whai 1)	Upper Whanganui (Whai 1)	Whanganui River	From the confluence with the <u>Ongarue River at approx NZMS 260 S18:054-544 to the to Source</u>	Other Trout Fishery
		Otamangakau Dam	From the confluence with the Whanganui River at approx. NZMS 260 T19:367-409 to T19:375-414	Other Trout Fishery
		Otamangakau Canal	From the confluence with the Whanganui River at <u>approx. NZMS 260 T19:367-409 to source</u>	Other Trout Fishery
		Okupata Stream	From the confluence with the Whanganui River at approx. NZMS 260 S19:289-406 to source	Other Trout Fishery
		Mangatepopo Stream	From the confluence with the Okupata Stream at approx. NZMS 260 S19:287-397 to source	Other Trout Fishery
		Waione Stream	From the confluence with the Whanganui River at approx. NZMS 260 S19:276-427 to source	Other Trout Fishery
		Waipari Stream	From the confluence with the Whanganui River at approx. NZMS 260 S19:269-455 to source	Other Trout Fishery
		Waione Stream	From the confluence with the Waipari Stream at approx. NZMS 260 S18:282-516 to source	Other Trout Fishery
		Waipungapunga Stream	From the confluence with the Waipari Stream at approx. NZMS 260 S19:287-490 to source	Other Trout Fishery
		Waionenui Stream	From the confluence with the Waipari Stream at approx. NZMS 260 S19:288-475 to source	Other Trout Fishery
		Waione Stream	From the confluence with the Waipari Stream at approx. NZMS 260 S19:282-464 to source	Other Trout Fishery

Table AB.8: Trout Fishery (TF) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River/Stream Name</u>	<u>Reference Locality Description</u>	<u>Classification</u>
		Mako Stream	From the confluence with the Whanganui River at approx. NZMS 260 S19:231-455 to source	Other Trout Fishery
		Taringapupu Stream	From the confluence with the Whanganui River at approx. NZMS 260 S19:205-477 to source	Other Trout Fishery
		Herungaweka Stream	From the confluence with the Taringapupu Stream at approx. NZMS 260 S18:229-511 to source	Other Trout Fishery
		Paewaru Stream	From the confluence with the Taringapupu Stream at approx. NZMS 260 S19:216-488 to source	Other Trout Fishery
		Papanui Stream	From the confluence with the Whanganui River at approx. NZMS 260 S19:192-485 to source	Other Trout Fishery
Cherry Grove (Whai 2)	Cherry Grove (Whai 2a)	Kakahi Stream	From the confluence with the Whanganui River at approx. NZMS 260 S19:151-497 to source	Other Trout Fishery
	Upper and Lower Whakapapa (Whai 2b and Whai 2c)	Whakapapa River	From the confluence with the Whanganui River at approx. NZMS 260 S19:188-495 to source	Regionally Significant Trout Fishery
	Upper Whakapapa (Whai 2b)	Whakapapa River	From approx. NZMS 260 S19:226-295 to the confluence with the Whakapapa River at approx. NZMS 260 S19:243-268	Other Trout Fishery
		Whakapapa Stream	From the confluence with the Whakapapa River at approx. NZMS 260 S19:243-268 to source	Other Trout Fishery
		Whakapapanui Stream	From the confluence with the Whakapapanui River at approx. NZMS 260 S19:243-268 to source	Other Trout Fishery
		Makahikatoa Stream	From the confluence with the Whakapapanui Whakapapanui Stream at approx. NZMS 260 S19:273-244 to source	Other Trout Fishery
		Taranaki Stream	From the confluence with the Makahikatoa Stream at approx. NZMS 260 S19:296-235 to source	Other Trout Fishery
		Pukeonaki Stream	From the confluence with the Whakapapanui Whakapapanui Stream at approx. NZMS 260 S19:269-255 to source	Other Trout Fishery
		Tawahi Stream	From the confluence with the Whakapapa Stream at approx. NZMS 260 S19:242-265 to approx. NZMS 260 S19:242-256	Other Trout Fishery
		Papamanuka Stream	From the confluence with the Whakapapa Stream at approx. NZMS 260 S19:234-288 to approx. NZMS 260 S19:277-281	Other Trout Fishery

Table AB.8: Trout Fishery (TF) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River/Stream Name</u>	<u>Reference Locality Description</u>	<u>Classification</u>
	Lower Whakapapa (Whai 2c)	Whakapapa River	From the confluence with the Whanganui River at approx. NZMS 260 S19:188-495 to approx. NZMS 260 S19:226-295	Other Trout Fishery
		Unnamed Tributary of the Whakapapa River	From the confluence with the Whakapapa River at approx. NZMS 260 S19:174-416 to source	Other Trout Fishery
		Otamawairua Stream	From the confluence with the Whakapapa River at approx. NZMS 260 S19:193-324 to source	Other Trout Fishery
	Piopiotea Stream (Whai 2d)	Piopiotea Stream and tributaries	From the confluence with the Whakapapa River at approx. NZMS 260 S19:174-356 to source	Other Trout Fishery
	Pungapunga (Whai 2e)	Pungapunga River	From approx. NZMS 260 S18:124-544 to approx. NZMS 260 S18:266-577	Other Trout Fishery
	Upper and Lower Ongarue (Whai 2f and Whai 2g)	Ongarue River	From the confluence with the Whanganui River at approx. NZMS 260 S18:055-544 to source the confluence with the Waimiha Stream at approx. NZMS 260 S17:132-862	Other Trout Fishery
	Upper Ongarue (Whai 2f)	Ongarue River	From the confluence with the Waimiha Stream at approx. NZMS 260 S17:132-862 to source	Regionally Significant Trout Fishery
		Waimiha Stream	From the confluence with the Ongarue River at approx. NZMS 260 S17:132-862 to source	Other Trout Fishery
		Waione Stream	From the confluence with the Ongarue River at approx. NZMS 260 S17:132-862 to source	Other Trout Fishery
		Okauaka Stream	From the confluence with the Ongarue River at approx. NZMS 260 S17:188-864 to source	Other Trout Fishery
		Maramataha Maramataha River	From the confluence with the Ongarue River at approx. NZMS 260 S17:116-806 to source	Other Trout Fishery
	Lower Ongarue (Whai 2g)	Mangakahu Stream	From the confluence with the Ongarue River at approx. NZMS 260 S18:087-736 to source	Other Trout Fishery
Taringamotu River and tributaries		From the confluence with the Ongarue River at approx. NZMS 260 S18:046-582 to source	Other Trout Fishery	
Middle Whanganui (Whai 4)	Retaruke (Whai 4d)	Retaruke River	From the confluence with the Whanganui River at approx. NZMS 260 R19:889-309 to source	Other Trout Fishery
Pipiriki (Whai 5)	Upper Manganui-o-te-Ao (Whai 5d)	Manganui-o-Te-Ao River	From the confluence with the Hoihonga Stream at approx. NZMS 260 S20:046-078 to source	Outstanding Trout Fishery

Table AB.8: Trout Fishery (TF) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River/Stream Name</u>	<u>Reference Locality Description</u>	<u>Classification</u>
		<u>Mangaturuturu River</u>	<u>From the confluence with the Manganui o Te Ao River at approx NZMS 260 S20:056-067 to Source</u>	<u>Outstanding Trout Fishery</u>
		<u>Makatote River</u>	<u>From the confluence with the Manganui o Te Ao River at approx NZMS 260 S20:128-119 to Source</u>	<u>Outstanding Trout Fishery</u>
		<u>Waimarino Stream</u>	<u>From the confluence with the Manganui o Te Ao River at approx NZMS 260 S20:128-119 to Source</u>	<u>Outstanding Trout Fishery</u>
	<u>Makatote (Whai 5e)</u>	<u>Makatote River</u>	<u>From the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:129-120 to source</u>	<u>Outstanding Trout Fishery</u>
	<u>Waimarino (Whai 5f)</u>	<u>Waimarino Stream</u>	<u>From the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:129-120 to source</u>	<u>Outstanding Trout Fishery</u>
	<u>Mangaturuturu (Whai 5g)</u>	<u>Mangaturuturu River</u>	<u>From the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:056-067 to source</u>	<u>Outstanding Trout Fishery</u>
	<u>Upper, Middle and Lower Manganui o te Ao (Whai 5d, Whai 5g and Whai 5i)</u>	<u>Manganui o te Ao River</u>	<u>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</u>	<u>Outstanding Trout Fishery</u>
		<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>	<u>Outstanding Trout Fishery</u>
		<u>Orautoha (Whai 5j)</u>	<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>
<u>Lower Whanganui (Whai 7)</u>	<u>Lower Whanganui (Whai 7a)</u>	<u>Whanganui River</u>	<u>From approx. NZMS 260 R22:861-422 to approx. NZMS 260 S22:938-563</u>	<u>Other Trout Fishery</u>
	<u>Coastal Whanganui (Whai 7b)</u>	<u>Whanganui River</u>	<u>From approx. NZMS 260 R22:848-381 to approx. NZMS 260 R22:861-422</u>	<u>Other Trout Fishery</u>
<u>Pipiriki and Paetawa (Whai 5a and Whai 6)</u>	<u>Whanganui River</u>	<u>Whanganui River</u>	<u>From approx. NZMS 260 S22:937-563 to confluence with the Retaruke at approx R19:889-309</u>	<u>Other Trout Fishery</u>
<u>Upper Whangaehu (Whau 2)</u>	<u>Waitangi (Whau 2b)</u>	<u>Waitangi Stream</u>	<u>From the confluence with the Whangaehu River at approx. NZMS 260 T21:315-888 to source</u>	<u>Other Trout Fishery</u>
	<u>Tokiahuru (Whau 2c)</u>	<u>Tokiahuru Stream and tributaries</u>	<u>From the confluence with the Whangaehu River at approx. NZMS 260 S21:218-865 to source</u>	<u>Other Trout Fishery</u>
<u>Lower Whangaehu (Whau 3)</u>	<u>Upper Makotuku, Lower Makotuku and Makara (Whau 3b, Whau 3c and Whau 3f)</u>	<u>Makotuku River and tributaries including Makara Stream and tributaries</u>	<u>From the confluence with the Mangawhero River at approx. NZMS 260 S20:079-902</u>	<u>Other Trout Fishery</u>

Table AB.8: Trout Fishery (TF) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River/Stream Name</u>	<u>Reference Locality Description</u>	<u>Classification</u>
	Upper Mangawhero (<u>Whau 3d</u>)	Mangawhero River including the Taonui Stream and all tributaries upstream of the Taonui Stream	From the confluence with the Makotuku River at approx. NZMS 260 S20:079-902	Other Trout Fishery
	Upper and Lower Makotuku	Makotuku River and Tributaries	From the confluence with the Mangawhero River at approx NZMS 260 S20:079-902	Other Trout Fishery
	Lower Mangawhero and Lower Whangaehu (<u>Whau 3a and Whau 3e</u>)	Mangawhero River	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	Other Trout Fishery
Kaitoke Lakes (<u>West 4</u>)	Kaitoke Lakes (<u>West 4</u>)	<u>Lake Wiritoa</u>	<u>Lake Wiritoa at approx. NZMS 260 R22:877-350</u>	<u>Other Trout Fishery</u>
		<u>Lake Kohata</u>	<u>Lake Kohata at approx. NZMS 260 R22:885-347</u>	<u>Other Trout Fishery</u>
		<u>Lake Pauri</u>	<u>Lake Pauri at approx. NZMS 260 R22:894-342</u>	<u>Other Trout Fishery</u>
Ohau (<u>Ohau 1</u>)	Upper and Lower Ohau (<u>Ohau 1a and Ohau 1b</u>)	Ohau River	From mouth the cross-river CMA boundary at <u>NZMS 260 S25:2692921-6059503</u> to source including the Makahika Stream and tributaries and an unnamed tributary at approx. NZMS 260 S25:974-585	Other Trout Fishery

[Formerly POP at D-51 to D-56]



Map D:17 Trout Spawning Value in the Manawatu-Wanganui Region [Formerly POP at D-57]

Trout Spawning (TS) Value

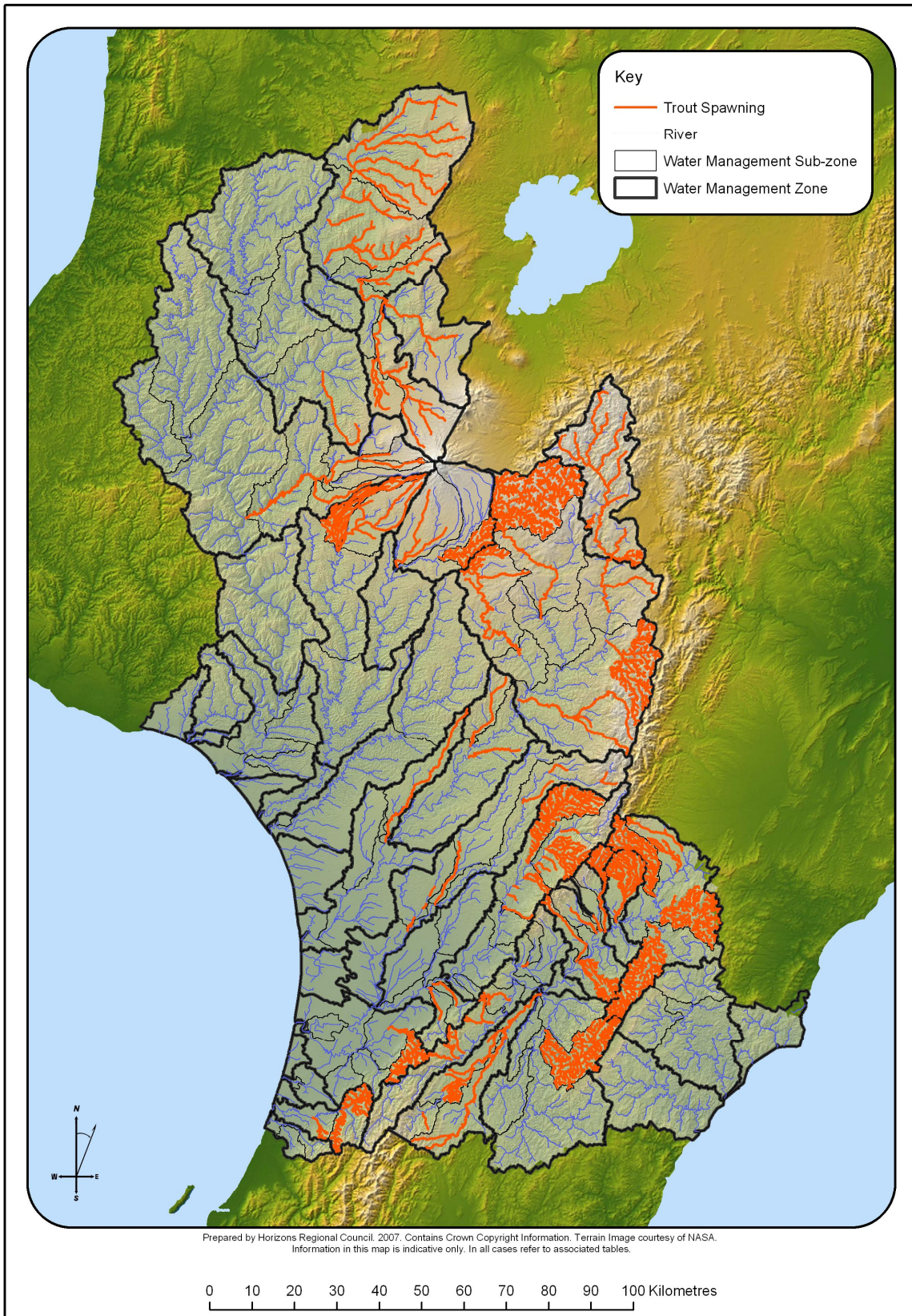


Figure AB:9 Visual Guide to the distribution of the Trout Spawning (TS) Value

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

Table AB.9 Trout Spawning (TS) Value in the Region			
<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River/Stream Name</u>	<u>Reference Locality Description</u>
Upper Manawatu (<u>Mana 1</u>)	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 <u>to source</u>
	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 (<u>Mana 2</u>)	Mangatera (<u>Mana 2b</u>)	Mangatera Stream	From <u>the</u> 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 (<u>Mana 3</u>)	Upper Tamaki (<u>Mana 3</u>)	Tamaki River and tributaries	From approx. NZMS 260 U23:706-100 to source.
Tamaki - Hopelands (<u>Mana 5</u>)	Tamaki - Hopelands (<u>Mana 5a</u>)	Ota <u>Ota</u> waho <u>waho</u> 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>
	Lower Kumeti (<u>Mana 5c</u>)	Kumeti Stream	From the confluence with the Manawatu River at approx. NZMS 260 T23:697-005 to approx. <u>NZMS 260 T23:681-041</u>

Table AB.9 Trout Spawning (TS) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River/Stream Name</u>	<u>Reference Locality Description</u>
	Oruakeretaki (<u>Mana 5d</u>)	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. <u>NZMS 260 T23:628-058</u>
	Raparapawai (<u>Mana 5e</u>)	Raparapawai Stream	From the confluence with the Manawatu River at approx. NZMS 260 T24:641-931 to source
Tiraumea (<u>Mana 7</u>)	Makuri (<u>Mana 7d</u>)	Makuri River at and tributaries	From the confluence with the Tiraumea River at approx. NZMS 260 T24:568-771 to source
Mangatainoka (<u>Mana 8</u>)	Upper Mangatainoka (<u>Mana 8a</u>)	Makotukutuku Stream	From the confluence with the Mangatainoka River at approx. NZMS 260 S25:279-576 to source
	Middle and Lower Mangatainoka (<u>Mana 8b and Mana 8c</u>)	Mangatainoka River	From approx. NZMS 260 T24:558-857 to the confluence with the Mangaroa Stream at approx. <u>NZMS 260 T25:324-627</u>
	Middle Mangatainoka (<u>Mana 8b</u>)	Mangaraupiu Stream	From the confluence with the Mangatainoka River at approx. NZMS 260 T25:366-655 to approx. <u>NZMS 260 T25:322-665</u>
		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. <u>NZMS 260 T25:341-676</u>
		Mangamaire Stream	From the confluence with the Mangatainoka River at approx. NZMS 260 T24:451-762 to approx. <u>NZMS 260 T24:433-742</u>
	Makakahi (<u>Mana 8d</u>)	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 (<u>Mana 9</u>)	Mangapapa (<u>Mana 9b</u>)	Mangapapa Stream	From the confluence with the Mangaatua Stream at approx. NZMS 260 T24:514-922 to approx. <u>NZMS 260 T24:527-931</u>
	Upper Mangahao (<u>Mana 9d</u>)	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 <u>source</u>
		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

Table AB.9 Trout Spawning (TS) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River/Stream Name</u>	<u>Reference Locality Description</u>
	Lower Mangahao (<u>Mana 9e</u>)	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
		Makewokaweka 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	Makiekie (Coal) Creek and Tributaries	From the confluence with the Pohangina River at approx NZMS 260 T23:528-165 to source
		Ohinetapu 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
	Middle Manawatu (<u>Mana 10</u>)	Upper Pohangina (<u>Mana 10b</u>)	Pohangina River
Konewa Stream and tributaries			From the confluence with the Pohangina River at approx. NZMS 260 T23:575-203 to source
Makewokaweka Makawakawa 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. NZMS 260 T23:594-150
Porewa Stream			From the confluence with the Pohangina River at approx. NZMS 260 T23:549-163 to approx. NZMS 260 T23:579-147
Opawe Stream			From the confluence with the Pohangina River at approx. NZMS 260 T23:544-161 to approx. NZMS 260 T23:556-144
Middle Pohangina		Makiekie (Coal) Creek and tributaries	From the confluence with the Pohangina River at approx. NZMS 260 T23:528-165 to source

Table AB.9 Trout Spawning (TS) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River/Stream Name</u>	<u>Reference Locality Description</u>
	<u>(Mana 10c)</u>	<u>Ohineta 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>(Mana 11)</u>	Turitea <u>(Mana 11b)</u>	Turitea Turitea Stream	From the confluence with the Manawatu River at approx. NZMS 260 T24:302-879 to approx. NZMS 260 T24:357-827
	Kahuterawa <u>(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>(Mana 12)</u>	<u>Upper Oroua</u> <u>(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
		Mangiora Mangahua Stream	From the confluence with the Oroua River at approx. NZMS 260 T22:577-378 to the confluence with Scandlyn Creek at approx. NZMS 260 T22:621-384
		Mangapikopiko Stream	From the confluence with the Oroua River at approx. NZMS 260 T22:515-307 to source
	Kiwitea <u>(Mana 12c)</u>	Kiwitea Stream	From the confluence with the Oroua River at approx. NZMS 260 T23:308-066 to approx. NZMS 260 T23:363-215
	<u>Makino</u> <u>(Mana 12d)</u>	Makino Stream	From approx. NZMS 260 S23:294-088 to approx. NZMS 260 T23:307-111
From approx. NZMS 260 S23:279-058 to approx. NZMS 260 S23:286-069			
From the confluence with the Oroua River at approx. NZMS 260 S23:243-005 to approx. NZMS 260 S23:259-037			
Coastal Manawatu <u>(Mana 13)</u>	<u>Upper and Lower Tokomaru</u> <u>(Mana 13c and Mana 13d)</u>	Tokomaru River and tributaries	From the confluence with the Linton Drain at approx. NZMS 260 S24:196-774 to source
Upper Rangitikei <u>(Rang 1)</u>	<u>Upper Rangitikei</u> <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

Table AB.9 Trout Spawning (TS) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River/Stream Name</u>	<u>Reference Locality Description</u>
		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
		Oturu Oturu 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 (Rang 1 and Rang 2)	Middle/ and Upper Rangitikei (Rang 1 and Rang 2a)	Rangitikei River	From the confluence with the Pokopoko Stream at approx. NZMS 260 U24:721-758 to source
Middle Rangitikei (Rang 2)	Middle Rangitikei (Rang 2a)	Mangaohane Stream	From the confluence with the Rangitikei River at approx. NZMS 260 <u>U21:707-818</u> 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. <u>NZMS 260 T22:677-486</u>
	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. <u>NZMS 260 T20:468-948</u>
Upper Hautapu	Waiouru Stream and tributaries	From the confluence with the Hautapu River at approx. NZMS 260 T21:410-838 to source	

Table AB.9 Trout Spawning (TS) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River/Stream Name</u>	<u>Reference Locality Description</u>
	(Rang_2f)	Irirangi 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 (Rang_3)	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 approx. NZMS 260 T22:390-440 to source
Coastal Rangitikei (Rang_4)	Porewa (Rang_4c)	Porewa Stream	From the confluence with the Rangitikei River at approx. NZMS 260 S23:191-215 to source
Upper Whanganui (Whai_1)	Upper Whanganui (Whai_1)	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 (Whai_2)	Cherry Grove (Whai_2a)	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 (Whai_2b and Whai_2c)	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 (Whai_2b)	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 source
		Mahikatoa Stream	From the confluence with the Whakapapanui Stream at approx. NZMS 260 S19:273-245 to the confluence with the Taranaki Stream at 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>		

Table AB.9 Trout Spawning (TS) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River/Stream Name</u>	<u>Reference Locality Description</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
		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 (<u>Whai 2e</u>)	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 (<u>Whai 2f</u>)	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
		Piropiro Stream	From the confluence with the Matamata Maramataha River at approx. NZMS 260 S17:251-804 to source

Table AB.9 Trout Spawning (TS) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River/Stream Name</u>	<u>Reference Locality Description</u>
		Te Rerengaohoro Stream	From the confluence with the Matamataha <u>Maramataha</u> River at approx. NZMS 260 S18:238-807 to approx. <u>NZMS 260 S18:239-802</u>
		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 (<u>Whai_2f</u> and <u>Whai_2g</u>)	Ongarue River	From the confluence with the Mangakahu Stream at approx. NZMS 260 S18:087-736 to source
	Lower Ongarue (<u>Whai_2g</u>)	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 S18:143-729 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
		Tutaeti Stream	From the confluence with the Taringamotu River at approx. NZMS 260 S18:205-598 to source
		Maratohu Stream	From the confluence with the Taringamotu River at approx. NZMS 260 S18:190-593 to <u>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	

Table AB.9 Trout Spawning (TS) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River/Stream Name</u>	<u>Reference Locality Description</u>
		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 to source
Middle Whanganui (Whai 4)	Retaruke (Whai 4d)	Retaruke River	From the confluence with the Kaitieke Stream at approx. NZMS 260 S19:041-326 to source
Pipiriki (Whai 5)	Upper, Middle and Lower Manganui O Te o te Ao (Whai 5d, Whai 5g and Whai 5i)	Manganui O Te 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 o te Ao River at approx. NZMS 260 S20:128-119 to approx. NZMS 260 S20:201-129
	Lower Manganui O Te Ao Orautoha (Whai 5j)	Orautoha Stream	From the confluence with the Manganui O Te o te Ao River at approx. NZMS 260 S20:026-067 to approx. NZMS 260 S20:156-063
Upper Whangaehu (Whau 1)	Waitangi (Whau 1b)	Waitangi Stream and tributaries	From the confluence with the Whangaehu River at approx. NZMS 260 T21:315-888 to source
	Tokiahuru (Whau 1c)	Omarae Stream	From the confluence with the Waitaiki Stream at approx. NZMS 260 S20:265-921 to source
		Waitaiki Stream	From the confluence with the Tokiahuru Stream at approx. NZMS 260 S21:235-880 to approx. NZMS 260 S20:273-929
		Tokiahuru Stream	From the confluence with the Whangaehu River at approx. NZMS 260 S21:218-865 to approx. NZMS 260 T20:334-956
Lower Whangaehu (Whau 3)	Upper Makotuku and Lower Makotuku and Makara (Whau 3b, Whau 3c and Whau 3f)	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 (Whau 3d)	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. NZMS 260 S20:159-020

Table AB.9 Trout Spawning (TS) Value in the Region			
<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River^/Stream Name</i>	<i>Reference Locality Description</i>
		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 (Ohau 1)	Upper Ohau (Ohau 1a)	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 (Ohau 1b)	Makorokio Stream and tributaries	From the confluence with <u>the</u> Ohau River at approx. NZMS 260 S25:018-563 to source

[Formerly POP at D-58 to D-65]

Water Use Values



Map D:19 Location of Existing Surface Water Takes for Water Supply and Upstream Water bodies in the Manawatu-Wanganui Region [Formerly POP at D-69]

Water[^] Supply (WS) Value

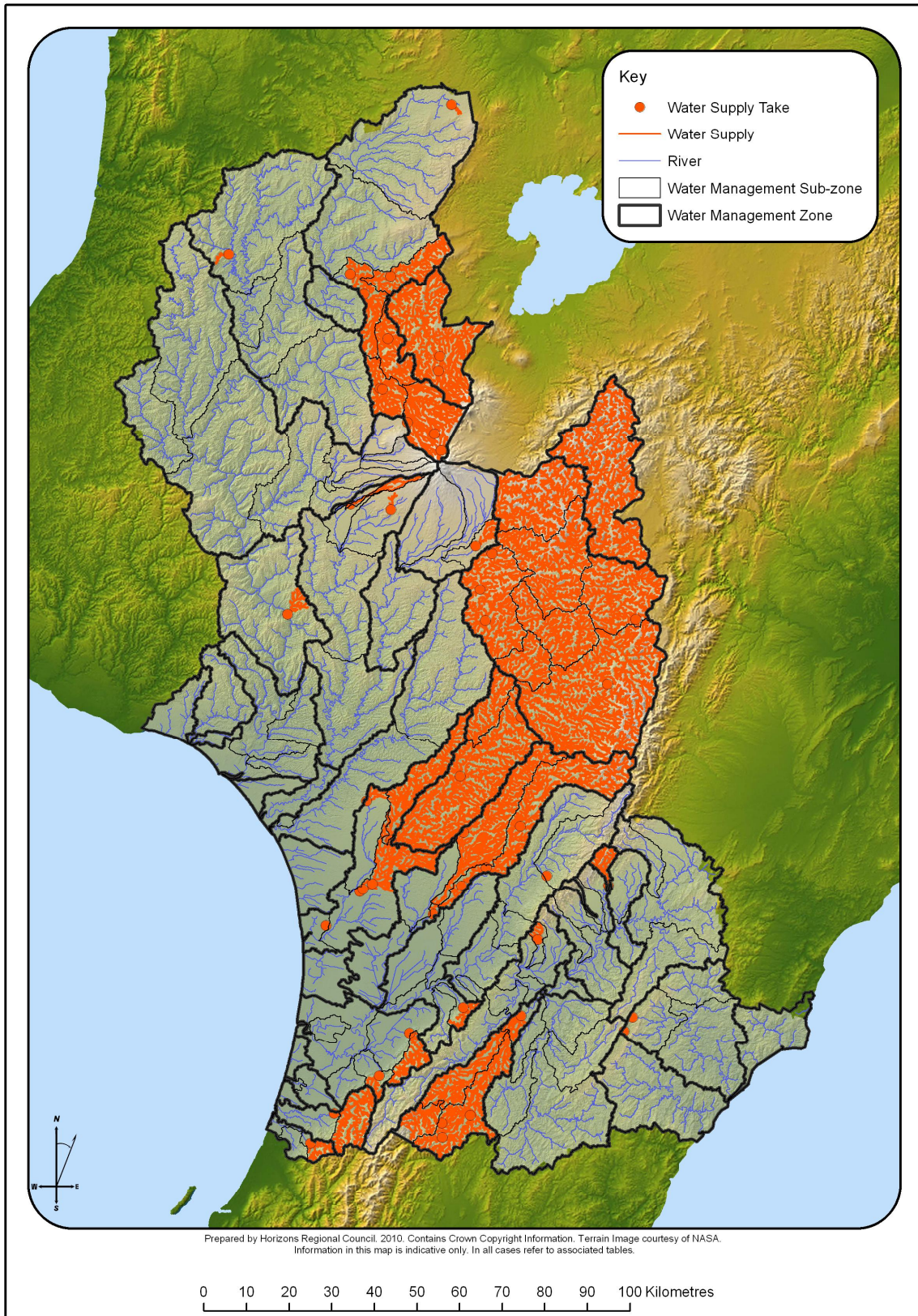


Figure AB:10 Visual Guide to the Location of Existing Surface Water Takes for the *Water[^] Supply (WS) Value*

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

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

Table AB.10: Water[^] Supply (WS) Value in the Region

Water Management Zone[*]	Sub-zone[*]	River[^]	Description	Water[^] Supply
Oroua (Mana 12)	Upper Oroua (Mana 12a)	Oroua River and tributaries	<u>From Almadale at approx. NZMS 260 T23:365-113 to source</u>	<u>Manawatu Beef Packers</u>
			<u>Including all tributaries upstream of From a point at approx. NZMS 260 T23:502-254 to source</u>	<u>Kiwitea, Feilding, Oroua No. 1 and Manawatu Beef Packers</u>
			<u>Including all tributaries upstream of From a point at approx. NZMS 260 T23:422-156 to source</u>	<u>Feilding, Oroua No. 1 and Manawatu Beef Packers</u>
			<u>Including all tributaries upstream of From a point at approx. NZMS 260 T23:364-113 to source</u>	<u>Oroua No. 1 and Manawatu Beef Packers</u>
	Middle Oroua (Mana 12b)	Oroua River and tributaries	<u>From a point approx. NZMS 260 S23:297-045 to source</u>	<u>Manawatu Beef Packers</u>
	Kiwitea (Mana 12d)	Kiwitea Stream and tributaries	<u>From the confluence with the Oroua River at approx. NZMS 260 S24:167-826 to source</u>	<u>Manawatu Beef Packers</u>
<u>Including all tributaries upstream of From a point at approx. NZMS 260 T23:369-239 to source</u>			<u>Waituna West and Manawatu Beef Packers</u>	
Coastal Manawatu (Mana 13)	Coastal Manawatu	Manawatu River	<u>Including all tributaries upstream of a point at approx NZMS 260 S24:134-726</u>	
	Lower Tokomaru (Mana 13c)	Tokomaru River and tributaries	<u>Including all tributaries upstream of a point at approx. NZMS 260 S24:242-767</u>	<u>Tokomaru</u>
			<u>Including all tributaries upstream of a point at approx NZMS 260 S24:138-726</u>	
Mangaore (Mana 13d)	Mangaore Stream and tributaries	<u>Including all tributaries upstream of From a point at approx. NZMS 260 S25:170-665</u>	<u>Shannon</u>	
Upper Rangitikei (Rang 1)	Upper Rangitikei (Rang 1)	Rangitikei River and tributaries	<u>From the Makahikatoa Stream confluence at approx. NZMS 260 U21:726-888 to source</u>	<u>Mangaweka, Hunterville, Halcombe-Stanway, Sanson, Bulls and Ohakea</u>

Table AB.10: Water[^] Supply (WS) Value in the Region

Water Management Zone[*]	Sub-zone[*]	River[^]	Description	Water[^] Supply
Middle Rangitikei (Rang_2)	<u>Middle Rangitikei (Rang_2a)</u>	<u>Rangitikei River and tributaries</u>	<u>From Pukeokahu at approx. NZMS 260 U21:713-708 to source</u>	<u>Mangaweka, Hunterville, Halcombe-Stanway, Sanson, Bulls and Ohakea</u>
		<u>Reporoa Stream and tributaries</u>	<u>From a point at approx. NZMS 260 U21:774-740</u>	<u>Erewhon rural, Mangaweka, Hunterville, Halcombe-Stanway, Sanson, Bulls and Ohakea</u>
	<u>Pukeokahu - Mangaweka (Rang_2b)</u>	<u>Rangitikei River and tributaries</u>	<u>From Mangaweka at approx. NZMS 260 T22:504-513 to source</u>	<u>Mangaweka, Hunterville, Halcombe-Stanway, Sanson, Bulls and Ohakea</u>
		<u>Makino Stream and tributaries</u>	<u>including all tributaries upstream of From a point at approx. NZMS 260 U22:707-589 to source</u>	<u>Omatane, Mangaweka, Hunterville, Halcombe-Stanway, Sanson, Bulls and Ohakea</u>
	<u>Upper Hautapu (Rang_2f)</u>	<u>Hautapu River</u>	<u>From Taihape at approx. NZMS 260 T21:506-670 to source</u>	<u>Mangaweka, Hunterville, Halcombe-Stanway, Sanson, Bulls and Ohakea</u>
			<u>including all tributaries upstream of 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 AB.10: Water[^] Supply (WS) Value in the Region

Water Management Zone[*]	Sub-zone[*]	River[^]	Description	Water[^] Supply
			Including all tributaries upstream of <u>From</u> 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 <u>From</u> 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>	<u>From the confluence with the Rangitikei River at approx. NZMS 260 T22:529-574 to source</u>	<u>Mangaweka, Hunterville, Halcombe-Stanway, Sanson, Bulls and Ohakea</u>
		<u>Reporoa Stream</u>	<u>Including all tributaries upstream of a point at approx. NZMS 260 T21:509-655</u>	
Lower Rangitikei (Rang 3)	Lower Rangitikei (Rang 3a)	<u>Rangitikei River and tributaries</u>	<u>From Onepuhi at approx. NZMS 260 S23:201-222 to source</u>	<u>Halcombe-Stanway, Sanson, Bulls and Ohakea</u>
			<u>Including all tributaries upstream of a point at approx. NZMS 260 T22:504-512</u>	
			<u>Including all tributaries upstream of a point at approx. NZMS 260 T22:332-324</u>	
			<u>Including all tributaries upstream of <u>From</u> a point at approx. NZMS 260 T22:360-372 to <u>source</u></u>	<u>Hunterville, Halcombe-Stanway, Sanson, Bulls and Ohakea</u>
			<u>Including all tributaries upstream of a point at approx. NZMS 260 T22:301-330</u>	
	<u>Including all tributaries upstream of a point at approx. NZMS 260 S22:272-299</u>			
	<u>Makohine (Rang 3b)</u>	<u>Makohine Stream and tributaries</u>	<u>From the confluence with the Rangitikei River at approx. NZMS 260 T22:400-443 to source</u>	<u>Hunterville, Halcombe-Stanway, Sanson, Bulls and Ohakea</u>
Coastal Rangitikei (Rang 4)	Coastal Rangitikei (Rang 4a)	Rangitikei River	Including all tributaries upstream of <u>From</u> a point at approx. NZMS 260 S23:198-221 to <u>source</u>	<u>Halcombe-Stanway, Sanson, Bulls and Ohakea</u>

Table AB.10: Water[^] Supply (WS) Value in the Region

Water Management Zone[*]	Sub-zone[*]	River[^]	Description	Water[^] Supply
			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 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)	Flock House Drain No 1	Including all tributaries upstream of <u>From a point at approx. NZMS 260 S23:045-019 to source</u>	<u>Flock House</u>
	Porewa (Rang 4c)	Porewa Stream and tributaries	<u>From the Rangitikei confluence at approx. NZMS 260 S24:033-985 to source</u>	<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 (Whai 1)	Upper Whanganui (Whai 1)	<u>Whanganui River and tributaries</u>	<u>From the Whakapapa confluence at approx. NZMS 260 S19:189-499 to source</u>	<u>Piriaka and Taumarunui</u>
		<u>Te Whaiiau Stream</u>	Including all tributaries upstream of <u>a point at approx NZMS 260 T19:357-369</u>	
		<u>Mangatepopo Stream and tributaries</u>	Including all tributaries upstream of <u>From a point at approx. NZMS 260 T19:313-361 to source</u>	<u>Taurewa Outdoor Pursuits Centre, Piriaka and Taumarunui</u>
		<u>Tawahitikuri Stream and tributaries</u>	<u>From a point at approx. NZMS 260 T19:309-326 to source</u>	<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)	<u>Whakapapa River and tributaries</u>	<u>From footbridge at approx. NZMS 260 S19:226-293 to source</u>	<u>Piriaka and Taumarunui</u>
			Including all tributaries upstream of <u>a point at approx NZMS 260 T20:316-138</u>	
		<u>Makahikatoa Stream and tributaries</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>
		<u>Waipuna Stream</u>	Including all tributaries upstream of <u>a point at approx NZMS 260 S20:299-162</u>	
<u>Mangahuia Stream and tributaries</u>	Including all tributaries upstream of <u>From a point at approx. NZMS 260 S19:236-205 to source</u>	<u>National Park, Piriaka and Taumarunui</u>		

Table AB.10: Water[^] Supply (WS) Value in the Region

Water Management Zone[*]	Sub-zone[*]	River[^]	Description	Water[^] Supply
	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	Owhango, 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
	Pungapunga (Whai 2e)	Pungapunga River and tributaries	From the Whanganui confluence at approx. NZMS 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 to source	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 S20:103-012 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	
		Puketoi Range Stream and tributaries	From a point at approx. NZMS 260 U24:746-771 to source	Pongaroa

Table AB.10: Water[^] Supply (WS) Value in the Region

Water Management Zone[*]	Sub-zone[*]	River[^]	Description	Water[^] Supply
		Waipuehu Stream Tributary and tributaries	Including all tributaries upstream of From a point at approx. NZMS 260 U24:766-804 to <u>source</u>	<u>Pongaroa</u>
Kai Iwi	Kai Iwi	Karamu Stream	Including all tributaries upstream of a point at approx NZMS 260 R22:781-543	
Kaitoke Lakes	Kaitoke Lakes	Lake Kaitoke	Including all tributaries upstream of a point at approx NZMS 260 R22:897-361	
Waikawa (West 9)	Waikawa (West 9a)	Waikawa Stream	Including all tributaries upstream of a point at approx NZMS 260 S25:009-506	<u>G A Martin</u>
			Including all tributaries upstream of a point at approx NZMS 260 S25:997-514	
			Including all tributaries upstream of a point at approx NZMS 260 S25:998-534	

[Formerly POP at D-70 to D-72]

Flood Control and Drainage (FC/D) Value

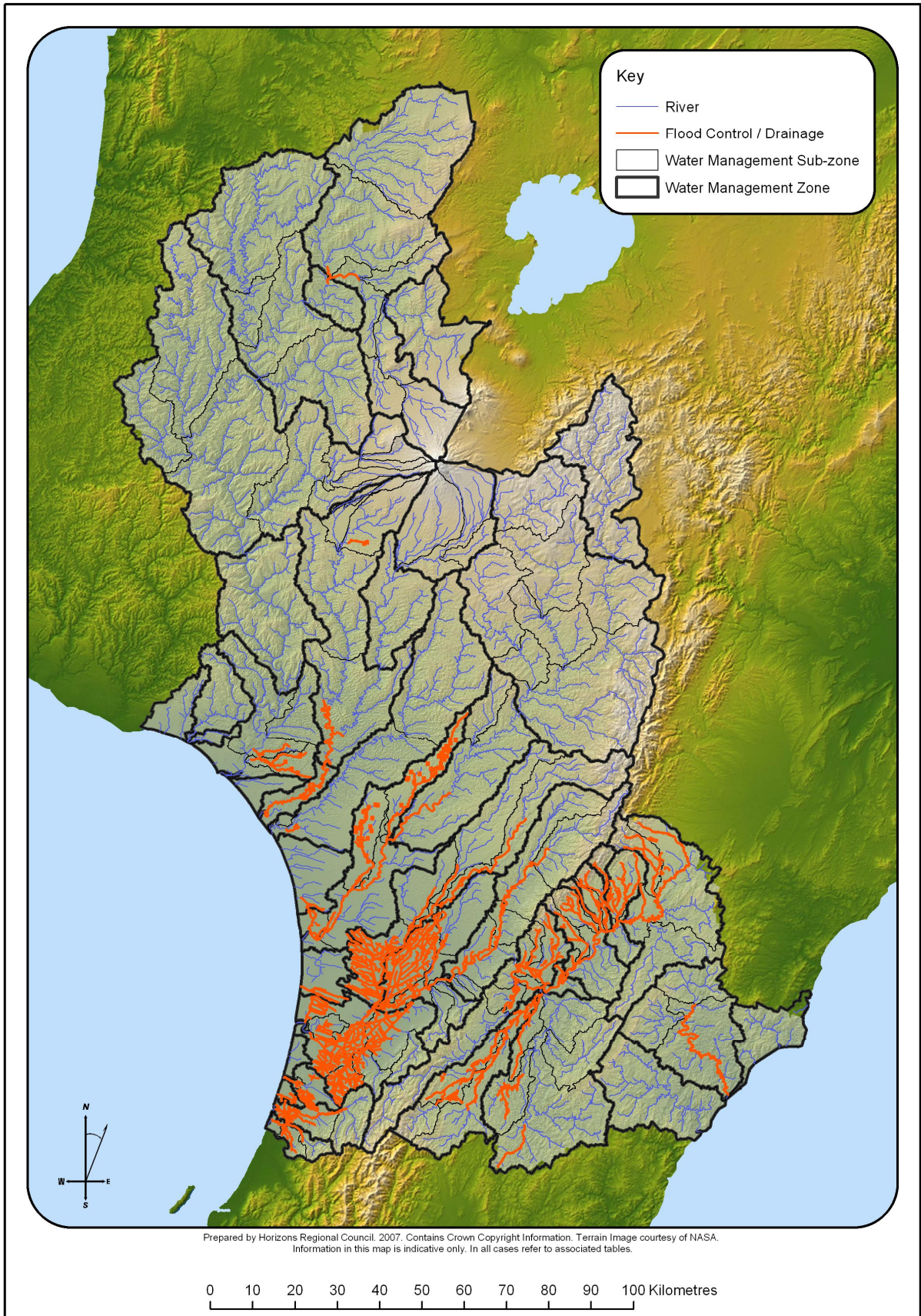


Figure AB:11 Visual Guide to the Distribution of the Flood Control and Drainage (FC/D) Value

Table AB.11: Flood Control and Drainage (FC/D) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River[^]</u>	<u>Locality Description</u>	<u>Common Name of Flood Control and/or Drainage Scheme</u>
<u>Upper Manawatu, Weber-Tamaki, Tamaki-Hopelands, Hopelands-Tiraumea, Upper Gorge (Mana 1, Mana 2, Mana 5, Mana 6, Mana 9)</u>	<u>Upper Manawatu, Weber-Tamaki, Tamaki-Hopelands, Hopelands-Tiraumea, Upper Gorge (Mana 1a, Mana 2a, Mana 5a, Mana 6, Mana 9a)</u>	<u>Manawatu River</u>	<u>The Manawatu River from the Manawatu Gorge at approx. NZMS 260 T24:496-926 to approx. NZMS 260 U23:783-260</u>	<u>South East Ruahine, Eastern Manawatu, Upper Manawatu</u>
<u>Upper Manawatu (Mana 1)</u>	<u>Upper Manawatu (Mana 1a)</u>	<u>Mangarangiora Stream Tributary</u>	<u>At approx. NZMS 260 U23:830-219 to approx. NZMS 260 U23:813-227 and at approx. NZMS 260 U23:817-223 to approx. NZMS 260 U23:810-224</u>	<u>South East Ruahine</u>
		<u>Mangarangiora Stream Tributary</u>	<u>At approx. NZMS 260 U23:828-216 to approx. NZMS 260 U23:805-224</u>	<u>South East Ruahine</u>
		<u>Makotuku Stream Tributary</u>	<u>At approx. NZMS 260 U23:844-171 to approx. NZMS 260 U23:840-190</u>	<u>South East Ruahine</u>
		<u>Manawatu River Tributary</u>	<u>At approx. NZMS 260 U23:858-149 to approx. NZMS 260 U23:847-156 and at approx. NZMS 260 U23:849-156 to approx. NZMS 260 U23:847-153</u>	<u>South East Ruahine</u>
		<u>Dores Stream</u>	<u>From confluence with the Manawatu River at approx. NZMS 260 U23:788-039 to approx. NZMS 260 U23:791-116</u>	<u>South East Ruahine</u>
		<u>Manawatu River Tributary (drain)</u>	<u>At approx. NZMS 260 U23:844-142 to approx. NZMS 260 U23:839-148</u>	<u>South East Ruahine</u>
	<u>Mangatewainui (Mana 1b)</u>	<u>Mangatewainui River</u>	<u>From confluence with the Manawatu River at approx. NZMS 260 U23:829-086 to approx. NZMS 260 U23:753-230</u>	<u>South East Ruahine</u>
		<u>Mangatewaiiti Stream</u>	<u>From confluence with the Mangatewaiiti Stream at approx. NZMS 260 U23:828-148 to approx. NZMS 260 U23:750-203</u>	<u>South East Ruahine</u>
<u>Weber-Tamaki (Mana 2)</u>	<u>Mangatera (Mana 2b)</u>	<u>Mangatera Stream</u>	<u>From confluence with the Manawatu River at approx. NZMS 260 U23:737-025 to approx. NZMS 260 U23:743-167</u>	<u>South East Ruahine</u>
		<u>Whakaruatapu Stream</u>	<u>From confluence with the Mangatera Stream at approx. NZMS 260 U23:757-083 to approx. NZMS 260 U23:774-188</u>	<u>South East Ruahine</u>
<u>Weber-Tamaki (Mana 2)</u>	<u>Mangatera (Mana 2b)</u>	<u>Mangatera Cemetery Drain</u>	<u>From confluence with the Mangatera Stream at approx. NZMS 260 U23:756-080 to approx. NZMS 260 U23:752-082</u>	<u>South East Ruahine</u>

Table AB.11: Flood Control and Drainage (FC/D) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River^</u>	<u>Locality Description</u>	<u>Common Name of Flood Control and/or Drainage Scheme</u>
		<u>Mangatera Stream Tributary</u>	From confluence with the Mangatera Stream at approx. NZMS 260 U23:753-096 to approx. NZMS 260 U23:768-118	<u>South East Ruahine</u>
		<u>Mangatera Stream Tributary</u>	From confluence with the Mangatera Stream at approx. NZMS 260 U23:747-122 to approx. NZMS 260 U23:736-132	<u>South East Ruahine</u>
		<u>Matamau Stream</u>	From confluence with the Whakaruatapu Stream at approx. NZMS 260 U23:785-124 to approx. NZMS 260 U23:788-126	<u>South East Ruahine</u>
		<u>Tapuata Stream</u>	From confluence with the Mangatera Stream at approx. NZMS 260 U23:739-044 to approx. NZMS 260 U23:717-125	<u>South East Ruahine</u>
		<u>Tapuata Stream Tributary</u>	From confluence with the Tapuata Stream at approx. NZMS 260 U23:728-060 to approx. NZMS 260 U23:730-080	<u>South East Ruahine</u>
		<u>Tapuata Stream Tributary</u>	From confluence with the Tapuata Stream at approx. NZMS 260 U23:738-075 to approx. NZMS 260 U23:729-101 and at approx. NZMS 260 U23:736-092 to approx. NZMS 260 U23:733-095	<u>South East Ruahine</u>
		<u>Makirikiri Stream</u>	From SH2 Bridge at approx. NZMS 260 U23:725-050 to Armstrong Road at approx. NZMS 260 U23:718-110	<u>South East Ruahine</u>
		<u>Makirikiri Stream Tributary</u>	From confluence with the Makirikiri Stream at approx. NZMS 260 U23:720-055 to approx. NZMS 260 U23:714-066	<u>South East Ruahine</u>
		<u>Makirikiri Stream Tributary</u>	From confluence with the Makirikiri Stream at approx. NZMS 260 U23:714-073 to approx. NZMS 260 U23:714-093	<u>South East Ruahine</u>
		<u>Makirikiri Stream Tributary</u>	From confluence with the Makirikiri Stream at approx. NZMS 260 U23:715-078 to approx. NZMS 260 U23:724-084	<u>South East Ruahine</u>
		<u>Makirikiri Stream Tributary</u>	From confluence with the Makirikiri Stream at approx. NZMS 260 U23:719-087 to approx. NZMS 260 U23:716-095	<u>South East Ruahine</u>
		<u>Makirikiri Stream Tributary</u>	From confluence with the Makirikiri Stream at approx. NZMS 260 U23:720-088 to approx. NZMS 260 U23:725-092	<u>South East Ruahine</u>
Upper Kumeti, Tamaki-Hopelands (Mana 4 and Mana 5)	<u>Upper Kumeti, Lower Kumeti (Mana 4, Mana 5c)</u>	<u>Mangapuaka/Kumeti Stream</u>	From confluence with the Manawatu River at approx. NZMS 260 T23:698-005 to approx. NZMS 260 T23:628-109	<u>South East Ruahine</u>
Tamaki-Hopelands (Mana 5)	<u>Lower Tamaki (Mana 5b)</u>	<u>Tamaki River</u>	From confluence with the Manawatu River at approx. NZMS 260 U23:709-003 to approx. NZMS 260 T23:683-167	<u>South East Ruahine</u>

Table AB.11: Flood Control and Drainage (FC/D) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River^</u>	<u>Locality Description</u>	<u>Common Name of Flood Control and/or Drainage Scheme</u>
		<u>Rokaiwhana Stream</u>	<u>From confluence with the Tamaki River at approx. NZMS 260 T23:697-091 to approx. NZMS 260 T23:660-139</u>	<u>South East Ruahine</u>
		<u>Rokaiwhana Stream Tributary</u>	<u>From confluence with the Rokaiwhana Stream at approx. NZMS 260 T23:665-112 to approx. NZMS 260 T23:646-128 and at approx. NZMS 260 T23:649-120 to approx. NZMS 260 T23:651-126</u>	<u>South East Ruahine</u>
		<u>Rokaiwhana Stream Tributary</u>	<u>From confluence with the Rokaiwhana Stream at approx. NZMS 260 T23:661-130 to approx. NZMS 260 T23:668-148</u>	<u>South East Ruahine</u>
		<u>Tamaki River Tributary</u>	<u>From confluence with the Tamaki River at approx. NZMS 260 U23:706-100 to approx. NZMS 260 U23:712-120</u>	<u>South East Ruahine</u>
		<u>Tamaki River Tributary</u>	<u>From confluence with the west branch of the Tamaki River at approx. NZMS 260 T23:682-162 to approx. NZMS 260 T23:679-162</u>	<u>South East Ruahine</u>
		<u>Tamaki River Tributary (drain)</u>	<u>At approx. NZMS 260 U23:708-063 to approx. NZMS 260 U23:707-074</u>	<u>South East Ruahine</u>
		<u>Tamaki River Tributary (drain)</u>	<u>At approx. NZMS 260 U23:705-019 to approx. NZMS 260 U23:706-033</u>	<u>South East Ruahine</u>
	<u>Lower Kumeti (Mana 5c)</u>	<u>Otamaraho Stream</u>	<u>From confluence with the Mangapuaka/Kumeti Stream at approx. NZMS 260 T23:694-023 to approx. NZMS 260 T23:641-121</u>	<u>South East Ruahine</u>
		<u>Mangapuaka/Kumeti Stream Tributary</u>	<u>From confluence with the Mangapuaka/Kumeti Stream at approx. NZMS 260 T23:692-026 to approx. NZMS 260 T23:676-041 and at approx. NZMS 260 T23:678-039 to approx. NZMS 260 T23:680-040</u>	<u>South East Ruahine</u>
<u>Tamaki-Hopelands (Mana 5)</u>	<u>Lower Kumeti (Mana 5c)</u>	<u>Otamaraho Stream Tributary</u>	<u>At approx. NZMS 260 T23:693-058 to approx. NZMS 260 T23:685-078 and at approx. NZMS 260 T23:692-062 to approx. NZMS 260 T23:691-075</u>	<u>South East Ruahine</u>
	<u>Oruakeretaki (Mana 5d)</u>	<u>Oruakeretaki Stream</u>	<u>From confluence with the Manawatu River at approx. NZMS 260 T24:690-999 to approx. NZMS 260 T23:607-069</u>	<u>South East Ruahine</u>
		<u>Otamarahu Stream</u>	<u>From confluence with the Oruakeretaki Stream at approx. NZMS 260 T23:648-038 to approx. NZMS 260 T23:626-096</u>	<u>South East Ruahine</u>

Table AB.11: Flood Control and Drainage (FC/D) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River[^]</u>	<u>Locality Description</u>	<u>Common Name of Flood Control and/or Drainage Scheme</u>
		<u>Oruakeretaki Stream Tributary</u>	<u>From confluence with the Oruakeretaki Stream at approx. NZMS 260 T23:629-053 to approx. NZMS 260 T23:601-064</u>	<u>South East Ruahine</u>
		<u>Mangapukakakahu Stream</u>	<u>From confluence with the Oruakeretaki Stream at approx. NZMS 260 T23:629-059 to approx. NZMS 260 T23:616-085</u>	<u>South East Ruahine</u>
		<u>Oruakeretaki Stream Tributary</u>	<u>From confluence with the Oruakeretaki Stream at approx. NZMS 260 T23:619-068 to approx. NZMS 260 T23:617-078</u>	<u>South East Ruahine</u>
	<u>Raparapawai (Mana 5e)</u>	<u>Raparapawai Stream</u>	<u>From confluence with the Manawatu River at approx. NZMS 260 T24:642-932 to approx. NZMS 260 T23:587-050</u>	<u>South East Ruahine</u>
		<u>Raparapawai Stream Tributary</u>	<u>From confluence with the Raparapawai Stream at approx. NZMS 260 T24:649-983 to approx. NZMS 260 T24:618-989 and at approx. NZMS 260 T24:624-985 to approx. NZMS 260 T24:624-983 and at approx. NZMS 260 T24:622-984 to approx. NZMS 260 T24:621-983</u>	<u>South East Ruahine</u>
		<u>Raparapawai Stream Tributary</u>	<u>At approx. NZMS 260 T23:612-013 to approx. NZMS 260 T23:608-021 and at approx. NZMS 260 T23:612-013 to approx. NZMS 260 T23:602-015</u>	<u>South East Ruahine</u>
	<u>Raparapawai (Mana 5a)</u>	<u>Manawatu River Tributary</u>	<u>From confluence with the Manawatu River at approx. NZMS 260 T24:623-916 to approx. NZMS 260 T24:628-946</u>	<u>South East Ruahine</u>
Upper Gorge (Mana 9)	<u>Mangapapa (Mana 9b)</u>	<u>Mangapapa Stream</u>	<u>From confluence with the Mangaatua Stream at approx. NZMS 260 T24:514-922 to approx. NZMS 260 T23:553-008 and at approx. NZMS 260 T23:549-000 to approx. NZMS 260 T23:542-007 and at approx. NZMS 260 T23:552-005 to approx. NZMS 260 T23:551-007</u>	<u>South East Ruahine</u>
Upper Gorge (Mana 9)	<u>Mangapapa (Mana 9b)</u>	<u>Mangapapa Stream Tributary (drain)</u>	<u>At approx. NZMS 260 T24:538-945 to approx. NZMS 260 T24:542-943</u>	<u>South East Ruahine</u>
	<u>Mangaatua (Mana 9c)</u>	<u>Mangaatua Stream</u>	<u>From confluence with the Manawatu River at approx. NZMS 260 T24:495-926 to approx. NZMS 260 T23:567-045</u>	<u>South East Ruahine</u>
		<u>Mangamanaia Stream</u>	<u>From confluence with the Mangaatua Stream at approx. NZMS 260 T24:501-924 to approx. NZMS 260 T24:518-957</u>	<u>South East Ruahine</u>
		<u>Mangaatua Stream Tributary (drain)</u>	<u>From confluence with the Mangaatua Stream at approx. NZMS 260 T24:524-919 to approx. NZMS 260 T24:538-916</u>	<u>South East Ruahine</u>

Table AB.11: Flood Control and Drainage (FC/D) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River^</u>	<u>Locality Description</u>	<u>Common Name of Flood Control and/or Drainage Scheme</u>
		<u>Mangaatua Stream Tributary and associated drainage network</u>	<u>From confluence with the Mangaatua Stream at approx. NZMS 260 T24:528-915 to approx. NZMS 260 T24:556-891 and at approx. NZMS 260 T24:552-899 to approx. NZMS 260 T24:553-900 and at approx. NZMS 260 T24:530-910 to approx. NZMS 260 T24:574-882 and at approx. NZMS 260 T24:531-908 to approx. NZMS 260 T24:541-895 and at approx. NZMS 260 T24:540-897 to approx. NZMS 260 T24:542-896 and at approx. NZMS 260 T24:532-908 to approx. NZMS 260 T24:531-907</u>	<u>South East Ruahine</u>
		<u>Mangaatua Stream Tributary</u>	<u>From confluence with the Mangaatua Stream at approx. NZMS 260 T24:581-964 to approx. NZMS 260 T24:592-968 and at approx. NZMS 260 T24:586-965 to approx. NZMS 260 T24:590-962</u>	<u>South East Ruahine</u>
		<u>Mangaatua Stream Tributary</u>	<u>From confluence with the Mangaatua Stream at approx. NZMS 260 T24:589-971 to approx. NZMS 260 T24:594-973</u>	<u>South East Ruahine</u>
		<u>Coppermine Stream</u>	<u>From confluence with the Mangaatua Stream at approx. NZMS 260 T23:577-013 to approx. NZMS 260 T23:562-027</u>	<u>South East Ruahine</u>
<u>Upper Gorge (Mana 9)</u>	<u>Mangaatua (Mana 9c)</u>	<u>Mangaatua Stream Tributary</u>	<u>At approx. NZMS 260 T24:518-928 to approx. NZMS 260 T24:521-931</u>	<u>South East Ruahine</u>
		<u>Mangaatua Stream Tributary (drain)</u>	<u>At approx. NZMS 260 T24:548-905 to approx. NZMS 260 T24:556-905 and at approx. NZMS 260 T24:551-906 to approx. NZMS 260 T24:554-902</u>	<u>South East Ruahine</u>
		<u>Mangaatua Stream Tributary (drain)</u>	<u>At approx. NZMS 260 T24:555-923 to approx. NZMS 260 T24:567-936 and at approx. NZMS 260 T24:563-928 to approx. NZMS 260 T24:563-934</u>	<u>South East Ruahine</u>
		<u>Mangaatua Stream Tributary</u>	<u>At approx. NZMS 260 T24:583-932 to approx. NZMS 260 T24:599-953 and at approx. NZMS 260 T24:593-942 to approx. NZMS 260 T24:607-943</u>	<u>South East Ruahine</u>
		<u>Mangaatua Stream Tributary</u>	<u>At approx. NZMS 260 T24:579-974 to approx. NZMS 260 T24:583-979</u>	<u>South East Ruahine</u>
		<u>Mangaatua Stream Tributary</u>	<u>At approx. NZMS 260 T24:577-985 to approx. NZMS 260 T24:584-985</u>	<u>South East Ruahine</u>

Table AB.11: Flood Control and Drainage (FC/D) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River^</u>	<u>Locality Description</u>	<u>Common Name of Flood Control and/or Drainage Scheme</u>
<u>Tamaki-Hopelands, Hopelands-Tiraumea (Mana 5, Mana 6)</u>	<u>Tamaki-Hopelands, Hopelands-Tiraumea (Mana 5a, Mana 6)</u>	<u>Armistead Drain 31</u>	<u>At approx. NZMS 260 T24:613-896 to approx. NZMS 260 T24:610-906</u>	<u>Upper Manawatu</u>
<u>Hopelands-Tiraumea (Mana 6)</u>	<u>Hopelands-Tiraumea (Mana 6)</u>	<u>Murphy Drain 29</u>	<u>At 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>At approx. NZMS 260 T24:600-889 to approx. NZMS 260 T24:588-921</u>	<u>Upper Manawatu, South East Ruahine</u>
		<u>Armistead and Jackson Drain 30</u>	<u>At approx. NZMS 260 T24:599-890 to approx. NZMS 260 T24:603-896</u>	<u>Upper Manawatu</u>
		<u>Manawatu River Tributary (drain)</u>	<u>From confluence of the Manawatu River at approx. NZMS 260 T24:557-872 to approx. NZMS 260 T24:564-881</u>	<u>South East Ruahine</u>
<u>Tiraumea (Mana 7)</u>	<u>Upper Tiraumea (Mana 7a)</u>	<u>Ihuraua River</u>	<u>At approx. NZMS 260 T25:516-547 to approx. NZMS 260 T25:453-450</u>	<u>Ihuraua</u>
<u>Tiraumea (Mana 7)</u>	<u>Lower Tiraumea (Mana 7b)</u>	<u>Tiraumea River</u>	<u>At approx. NZMS 260 T24:558-857 to approx. NZMS 260 T24:557-854</u>	<u>Mangatainoka</u>
	<u>Mangaone River (Mana 7c)</u>	<u>Mangaone River</u>	<u>At approx. NZMS 260 T25:514-666 to approx. NZMS 260 T25:452-616</u>	<u>Mangaone-Tawataia</u>
		<u>Tawataia Creek</u>	<u>From confluence with the Mangaone River at approx. NZMS 260 T25:471-637 to approx. NZMS 260 T25:470-563</u>	<u>Mangaone-Tawataia</u>
		<u>Tawataia Mangaone Scheme Detention Dam</u>	<u>100 metres upstream and downstream of approx. NZMS 260 T25:476-581</u>	<u>Mangaone-Tawataia</u>
		<u>Schnell-Hislop Drain 141</u>	<u>From confluence with the Tawataia Stream at approx. NZMS 260 T25:472-601 to source</u>	<u>Mangaone-Tawataia</u>
		<u>Schnell-Cooper Drain 190</u>	<u>From confluence with the Tawataia Stream at approx. NZMS 260 T25:466-612 to source</u>	<u>Mangaone-Tawataia</u>
		<u>Rongomai Drain 10 (part)</u>	<u>At approx. NZMS 260 T25:461-637 to approx. NZMS 260 T25:460-635</u>	<u>Mangaone-Tawataia</u>

Table AB.11: Flood Control and Drainage (FC/D) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River^</u>	<u>Locality Description</u>	<u>Common Name of Flood Control and/or Drainage Scheme</u>
		<u>Rongomai Drain 10 (part)</u>	<u>From confluence with the Mangaone River at approx. NZMS 260 T25:487-635 to approx. NZMS 260 T25:467-639 and to approx. NZMS 260 T25:468-646</u>	<u>Mangaone-Tawataia</u>
		<u>Rongomai Drain 10 (part)</u>	<u>At approx. NZMS 260 T25:495-638 to approx. NZMS 260 T25:488-629</u>	<u>Mangaone-Tawataia</u>
		<u>Cattle Creek Drain 10a</u>	<u>At approx. NZMS 260 T25:479-635 to approx. NZMS 260 T25:479-614</u>	<u>Mangaone-Tawataia</u>
		<u>Simpson Drain 136</u>	<u>From confluence with the Mangaone River at approx. NZMS 260 T25:495-640 to approx. NZMS 260 T25:499-629 (east branch) and to approx. NZMS 260 T25:500-633 (west branch)</u>	<u>Mangaone-Tawataia</u>
		<u>Evans Drain 120</u>	<u>At approx. NZMS 260 T25:502-642 to approx. NZMS 260 T25:498-640</u>	<u>Mangaone-Tawataia</u>
		<u>MWRC Drain 237</u>	<u>At approx. NZMS 260 T25:472-571 to approx. NZMS 260 T25:470-571</u>	<u>Mangaone-Tawataia</u>
<u>Tiraumea (Mana 7)</u>	<u>Mangaramarama (Mana 7e)</u>	<u>Mangaramarama Creek</u>	<u>From confluence with the Tiraumea River at approx. NZMS 260 T24:557-854 to approx. NZMS 260 T25:485-657</u>	<u>Mangatainoka</u>
		<u>Greaves - Eames Drain</u>	<u>From confluence with the Mangaramarama Creek at approx. NZMS 260 T24:524-790 to approx. NZMS 260 T24:528-782</u>	<u>Mangatainoka</u>
<u>Tiraumea Mangatainoka (Mana 7, Mana 8)</u>	<u>Mangaramarama, Lower Mangatainoka (Mana 7e, Mana 8c)</u>	<u>Harveys Drains (part)</u>	<u>From confluence with the Mangaramarama Creek at approx. NZMS 260 T24:548-836 to source</u>	<u>Mangatainoka</u>
<u>Mangatainoka (Mana 8)</u>	<u>Lower, Middle and Upper Mangatainoka (Mana 8a, Mana 8b, Mana 8c)</u>	<u>Mangatainoka River</u>	<u>From confluence with the Tiraumea River at approx. NZMS 260 T24:557-854 to approx. NZMS 260 T25:308-595</u>	<u>Mangatainoka</u>
	<u>Middle Mangatainoka (Mana 8b)</u>	<u>Mangamaire Stream</u>	<u>From confluence with the Mangatainoka River at approx. NZMS 260 T24:452-763 to approx. NZMS 260 T24:448-761</u>	<u>Mangatainoka</u>
		<u>Kamo Edwards Drain</u>	<u>From confluence with Mangatainoka River at approx. NZMS 260 T24:431-705 to source</u>	<u>Mangatainoka</u>
		<u>Bailie Avery Drain</u>	<u>From confluence with the Mangatainoka River at approx. NZMS 260 T25:407-697 to approx. NZMS 260 T25:390-685</u>	<u>Mangatainoka</u>

Table AB.11: Flood Control and Drainage (FC/D) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River^</u>	<u>Locality Description</u>	<u>Common Name of Flood Control and/or Drainage Scheme</u>
		<u>Hobbs, Avery, Manderson Drain</u>	<u>From confluence with the Mangatainoka River at approx. NZMS 260 T25:407-695 to approx. NZMS 260 T25:399-689</u>	<u>Mangatainoka</u>
		<u>Basset - Sowry Drain</u>	<u>At approx. NZMS 260 T25:390-676 to approx. NZMS 260 T25:380-673</u>	<u>Mangatainoka</u>
		<u>Berkett Drain</u>	<u>From confluence with the Mangatainoka River at approx. NZMS 260 T25:377-652 to source</u>	<u>Mangatainoka</u>
		<u>Nireaha Drain Network (part)</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>Nireaha Drain Network (part)</u>	<u>From Nireaha Road bridge at approx. NZMS 260 T25:358-629 to source</u>	<u>Mangatainoka</u>
		<u>Mangaroa Stream</u>	<u>From confluence with the Mangatainoka River at approx. NZMS 260 T25:324-627 to approx. NZMS 260 S25:284-609</u>	<u>Mangatainoka</u>
<u>Mangatainoka (Mana 8)</u>	<u>Middle Mangatainoka (Mana 8b)</u>	<u>Kakariki Drains (part)</u>	<u>From confluence with the Mangarapiu Stream at approx. NZMS 260 T25:326-660 to source</u>	<u>Mangatainoka</u>
		<u>Kakariki Drains (part)</u>	<u>At approx. NZMS 260 T25:329-666 to approx. NZMS 260 T25:325-667</u>	<u>Mangatainoka</u>
		<u>Kakariki Drains (part)</u>	<u>At approx. NZMS 260 T25:321-662 to approx. NZMS 260 T25:319-661</u>	<u>Mangatainoka</u>
	<u>Lower Mangatainoka (Mana 8c)</u>	<u>Mangatainoka River Tributary and part Harveys Drains</u>	<u>From confluence with Mangatainoka River at approx. NZMS 260 T24:542-846 to approx. NZMS 260 T24:540-826 and at approx. NZMS 260 T24:541-840 to approx. NZMS 260 T24:543-837</u>	<u>Mangatainoka</u>
		<u>Mangatainoka Tributary and Brewery Drain</u>	<u>From confluence with the Mangatainoka River at approx. NZMS 260 T24:534-834 to approx. NZMS 260 T24:530-825</u>	<u>Mangatainoka</u>
		<u>Huxley Street Drain</u>	<u>At approx. NZMS 260 T24:523-822 to approx. NZMS 260 T24:515-803</u>	<u>Mangatainoka</u>
		<u>Pahiatua North Drain Network</u>	<u>At approx. NZMS 260 T24:528-813 to source</u>	<u>Mangatainoka</u>
		<u>Pukemiku Road Drain Network</u>	<u>From confluence with the Mangatainoka River at approx. NZMS 260 T24:512-815 to source</u>	<u>Mangatainoka</u>
		<u>Donald and Grubner Drain</u>	<u>From confluence with the Mangatainoka River at approx. NZMS 260 T24:500-802 to approx. NZMS 260 T24:500-794</u>	<u>Mangatainoka</u>

Table AB.11: Flood Control and Drainage (FC/D) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River^</u>	<u>Locality Description</u>	<u>Common Name of Flood Control and/or Drainage Scheme</u>
		<u>Town Creek</u>	<u>At approx. NZMS 260 T24:502-792 to approx. NZMS 260 T24:498-782</u>	<u>Mangatainoka</u>
<u>Mangatainoka (Mana 8)</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>Westella-Hansen Drain</u>	<u>At approx. NZMS 260 T25:370-600 to source</u>	<u>Mangatainoka</u>
<u>Mangatainoka (Mana 8)</u>	<u>Makakahi (Mana 8d)</u>	<u>Hamua Drains (part)</u>	<u>From confluence with the Makakahi River at approx. NZMS 260 T25:421-673 to approx. NZMS 260 T25:400-670 and at approx. NZMS 260 T25:418-678 to approx. NZMS 260 T25:418-673</u>	<u>Mangatainoka</u>
		<u>Hamua Drains (part)</u>	<u>From confluence with the Makakahi River at approx. NZMS 260 T25:420-672 to approx. NZMS 260 T25:401-653 and at approx. NZMS 260 T25:415-667 to approx. NZMS 260 T25:413-665 and at approx. NZMS 260 T25:411-661 to approx. NZMS 260 T25:410-662</u>	<u>Mangatainoka</u>
<u>Upper Gorge (Mana 9)</u>	<u>Mangaatua (Mana 9c)</u>	<u>Owens Road Drain</u>	<u>At approx. NZMS 260 T24:502-923 to approx. NZMS 260 T24:500-908 and at approx. NZMS 260 T24:504-915 to approx. NZMS 260 T24:506-913</u>	<u>Upper Manawatu</u>
		<u>Woodland Road Drain</u>	<u>At approx. NZMS 260 T24:505-913 to approx. NZMS 260 T24:518-904</u>	<u>Upper Manawatu</u>
	<u>Upper and Lower Mangahao (Mana 9d, 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>At 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>At approx. NZMS 260 T24:498-875 to approx. NZMS 260 T24:501-870</u>	<u>Upper Manawatu</u>
<u>Middle Manawatu (Mana 10)</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 AB.11: Flood Control and Drainage (FC/D) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River[^]</u>	<u>Locality Description</u>	<u>Common Name of Flood Control and/or Drainage Scheme</u>
		<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 T24:380-946 (Whakarongo)</u>	<u>Lower Manawatu</u>
<u>Middle Manawatu (Mana 10)</u>	<u>Middle Manawatu (Mana 10a)</u>	<u>Goodman Badger Drain</u>	<u>From confluence with the Manawatu River at approx. NZMS 260 T24:381-927 to source</u>	<u>Lower Manawatu</u>
	<u>Upper, Middle and Lower Pohangina (Mana 10b, Mana 10c, Mana 10d)</u>	<u>Pohangina River</u>	<u>From confluence with the Manawatu River at approx. NZMS 260 T24:449-965 to approx. NZMS 260 T23:572-200</u>	<u>Pohangina Oroua</u>
	<u>Upper Pohangina (Mana 10b)</u>	<u>Makawakawa Stream</u>	<u>From confluence with the Pohangina River at approx. NZMS 260 T23:572-200 to approx. NZMS 260 T23:574-198</u>	<u>Pohangina Oroua</u>
	<u>Middle Pohangina (Mana 10c)</u>	<u>Pratt Drain (drain H)</u>	<u>From confluence with the Pohangina River at 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 confluence with the Pohangina River at approx. NZMS 260 T23:469-083 to approx. NZMS 260 T23:470-089</u>	<u>Pohangina Oroua</u>
		<u>Tokeawa stream</u>	<u>From confluence with the Pohangina River at approx. NZMS 260 T23:475-085 to approx. NZMS 260 T23:481-085</u>	<u>Pohangina Oroua</u>
		<u>Fairless Drain (drain K)</u>	<u>From confluence with the Pohangina River at approx. NZMS 260 T23:477-090 to approx. NZMS 260 T23:479-101 and to approx. NZMS 260 T23:475-100</u>	<u>Pohangina Oroua</u>
		<u>Carroll Drain (drain L)</u>	<u>From confluence with the Pohangina River at approx. NZMS 260 T23:484-101 to approx. NZMS 260 T23:496-107</u>	<u>Pohangina Oroua</u>
		<u>Caldwell Drain (drain M)</u>	<u>From confluence with the Pohangina River at approx. NZMS 260 T23:504-120 to approx. NZMS 260 T23:509-121</u>	<u>Pohangina Oroua</u>
	<u>Lower Pohangina (Mana 10d)</u>	<u>Kirk Drain (drains A and B)</u>	<u>From confluence with the Manawatu River at approx. NZMS 260 T24:450-973 to source</u>	<u>Pohangina Oroua</u>
		<u>Hepburn Drain (drain C)</u>	<u>From confluence with the Pohangina River at approx. NZMS 260 T24:453-985 to source</u>	<u>Pohangina Oroua</u>
		<u>Kirk Drain (drain D)</u>	<u>From confluence with the Pohangina River at approx. NZMS 260 T24:456-990 to source</u>	<u>Pohangina Oroua</u>

Table AB.11: Flood Control and Drainage (FC/D) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River^</u>	<u>Locality Description</u>	<u>Common Name of Flood Control and/or Drainage Scheme</u>
<u>Middle Manawatu (Mana 10)</u>	<u>Lower Pohangina (Mana 10d)</u>	<u>Jones-Edwards-Mai Drain (drain F)</u>	<u>From confluence with the Pohangina River at approx. NZMS 260 T23:458-040 to source</u>	<u>Pohangina Oroua</u>
		<u>McDonald Drain (drain G)</u>	<u>From confluence with the Pohangina River at approx. NZMS 260 T23:466-062 to source</u>	<u>Pohangina Oroua</u>
<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 the confluence with the Pohangina River at approx. NZMS 260 T24:449-965</u>	<u>Lower Manawatu</u>
<u>Lower Manawatu (Mana 11)</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 S24:254-848 to source</u>	<u>Manawatu</u>
		<u>Whitelocks Drain</u>	<u>At approx. NZMS 260 S24:227-834 to approx. NZMS 260 S24:233-838</u>	<u>Lower Manawatu</u>
		<u>Opiki Levee Bridge Blk No. 1</u>	<u>At 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>At approx. NZMS 260 S24:203-830 to approx. NZMS 260 S24:197-832</u>	<u>Lower Manawatu</u>
		<u>Manawatu River Drain</u>	<u>At approx. NZMS 260 S24:195-838 to approx. NZMS 260 S24:194-841</u>	<u>Manawatu</u>
		<u>Opiki Levee Bridge Blk No. 3</u>	<u>At approx. NZMS 260 S24:193-827 to approx. NZMS 260 S24:190-829</u>	<u>Lower Manawatu</u>
		<u>Terry Drain</u>	<u>At approx. NZMS 260 S24:184-831 to source</u>	<u>Lower Manawatu, Manawatu</u>
		<u>MacAloons No. 2</u>	<u>At approx. NZMS 260 S24:172-824 to approx. NZMS 260 S24:174-823</u>	<u>Lower Manawatu</u>
		<u>MacAloons No. 1</u>	<u>At approx. NZMS 260 S24:163-826 to approx. NZMS 260 S24:168-824</u>	<u>Lower Manawatu</u>
<u>Lower Manawatu (Mana 11)</u>	<u>Upper and Lower Mangaone Stream (Mana 11d, 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 T24:334-997</u>	<u>Lower Manawatu</u>

Table AB.11: Flood Control and Drainage (FC/D) Value in the Region

Water Management Zone*	Sub-zone*	River[^]	Locality Description	Common Name of Flood Control and/or Drainage Scheme
	<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 T24:331-989 to approx. NZMS 260 T24:335-995</u>	<u>Lower Manawatu</u>
		<u>Mangaone Stream Tributary</u>	<u>At approx. NZMS 260 T24:300-939 to source</u>	<u>Manawatu</u>
		<u>Mangaone Stream Tributary/drain</u>	<u>From confluence with the Mangaone Stream at approx. NZMS 260 T24:322-967 to source</u>	<u>Manawatu</u>
		<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>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>Upper Mangaone Stream, Main Drain (Mana 11d, Mana 11f)</u>	<u>Main Drain, Burkes Drain and Taonui Stream and connected tributaries including drains</u>	<u>From confluence with the Manawatu River at approx. NZMS 260 S24:181-835 to source</u>	<u>Manawatu</u>
Oroua (Mana 12)	<u>Upper Oroua (Mana 12a)</u>	<u>Paorangi Drain</u>	<u>From confluence with the Oroua River at approx. NZMS 260 T23:359-112 to approx. NZMS 260 T23:373-131</u>	<u>Pohangina Oroua</u>
	<u>Upper, Middle and Lower Oroua, Kiwitea (Mana 12a, 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 T23:518-270</u>	<u>Lower Manawatu, Pohangina Oroua</u>
	<u>Lower Oroua (Mana 12c)</u>	<u>Oroua River Tributary</u>	<u>At approx. NZMS 260 S24:149-846 to source</u>	<u>Te Kawau</u>
		<u>Blackmoor Drain</u>	<u>At approx. NZMS 260 S24:166-829 to source</u>	<u>Lower Manawatu</u>
Oroua (Mana 12)	<u>Middle Oroua, Kiwitea (Mana 12b, 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 T23:358-162</u>	<u>Lower Manawatu, 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 T23:307-109</u>	<u>Lower Manawatu</u>

Table AB.11: Flood Control and Drainage (FC/D) Value in the Region

Water Management Zone*	Sub-zone*	River[^]	Locality Description	Common Name of Flood Control and/or Drainage Scheme
Oroua, Coastal Rangitikei (Mana 12, Rang 4)	Lower Oroua, Coastal Rangitikei (Mana 12c and Rang 4a)	<u>Sluggish Creek/Rongotea drainage network and tributary streams</u>	<u>From confluence with the Oroua River at approx. NZMS 260 S24:176-843 to source</u>	<u>Te Kawau</u>
Coastal Manawatu (Mana 13)	Coastal Manawatu (Mana 13a)	<u>Whitebait Creek and Tributaries</u>	<u>From confluence with the Manawatu River at approx. NZMS 260 S24:998-790 to source</u>	<u>Himatangi</u>
		<u>Seymours Oxbow Drain</u>	<u>From confluence with the Manawatu River at approx. NZMS 260 S24:135-759 to source</u>	<u>Makerua</u>
		<u>Manawatu River tributaries (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</u>	<u>From confluence with the Manawatu River at approx. NZMS 260 S24:109-769 to NZMS 260 S24:020-748</u>	<u>Lower Manawatu, Moutoa</u>
		<u>Moutoa Floodway tributaries (drains)</u>	<u>From confluence with the Moutoa Floodway to source</u>	<u>Moutoa</u>
		<u>Manawatu River Tributary (drain)</u>	<u>From confluence with the Manawatu River at approx. NZMS 260 S24:051-721 to source</u>	<u>Koputaroa</u>
		<u>Amon Drain and tributaries</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 (drain)</u>	<u>From confluence with the Manawatu River at approx. NZMS 260 S24:069-708 to source</u>	<u>Koputaroa</u>
		<u>Manawatu River Tributary (drain)</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>At approx. NZMS 260 S24:158-822 to approx. NZMS 260 S24:164-824</u>	<u>Lower Manawatu</u>
Coastal Manawatu (Mana 13)	Coastal Manawatu (Mana 13a)	<u>Sargent Drain</u>	<u>At approx. NZMS 260 S24:156-819 to approx. NZMS 260 S24:151-813</u>	<u>Lower Manawatu</u>
		<u>Funell Drain</u>	<u>At 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>At approx. NZMS 260 S24:143-804 to approx. NZMS 260 S24:143-803</u>	<u>Lower Manawatu</u>

Table AB.11: Flood Control and Drainage (FC/D) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River^</u>	<u>Locality Description</u>	<u>Common Name of Flood Control and/or Drainage Scheme</u>
		<u>Funells No.2 Drain</u>	<u>At 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>At approx. NZMS 260 S24:119-786 to approx. NZMS 260 S24:123-786</u>	<u>Lower Manawatu</u>
		<u>Barnes Drain</u>	<u>At approx. NZMS 260 S24:108-781 to approx. NZMS 260 S24:114-784 and to approx. NZMS 260 S24:107-784</u>	<u>Lower Manawatu</u>
		<u>Phillips Drain</u>	<u>From approx. NZMS 260 S24:114-774 to source</u>	<u>Lower Manawatu</u>
	<u>Coastal Manawatu, Lower Tokomaru (Mana 13a, Mana 13c)</u>	<u>Tokomaru River Tributary (drain network)</u>	<u>From confluence with the Tokomaru River at approx. NZMS 260 S24:143-729 to source, including all drains between Linton Drain and the Manawatu River</u>	<u>Makerua</u>
	<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 to source, 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, 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, Lower Manawatu</u>	
<u>Tokomaru River drain</u>		<u>From confluence with the Tokomaru River at approx. NZMS 260 S24:185-755 to approx. NZMS 260 S24:172-775</u>	<u>Makerua</u>	
<u>Tokomaru River drain</u>		<u>From confluence with the Tokomaru River at approx. NZMS 260 S24:187-761 to approx. NZMS 260 S24:173-784</u>	<u>Makerua</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>Coastal Manawatu (Mana 13)</u>	<u>Lower Tokomaru (Mana 13c)</u>	<u>Tokomaru River drain</u>	<u>From confluence with the Tokomaru River at approx. NZMS 260 S24:176-742 to source</u>	<u>Makerua</u>
		<u>Tokomaru River drain (network)</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 (drains)</u>	<u>From confluence with the Kara Stream at approx. NZMS 260 S24:153-725 to source</u>	<u>Makerua</u>

Table AB.11: Flood Control and Drainage (FC/D) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River^</u>	<u>Locality Description</u>	<u>Common Name of Flood Control and/or Drainage Scheme</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 (drains)</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 (drains)</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 (drains)</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 (drains)</u>	<u>From confluence with Foxton Loop (Manawatu River) at approx. NZMS 260 S24:024-771 to source</u>	<u>Whirikino</u>
<u>Lower and Coastal Rangitikei (Rang 3, Rang 4)</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 (Rang 4)</u>	<u>Coastal Rangitikei (Rang 4a)</u>	<u>Parewanui Drains (part)</u>	<u>From confluence with the Rangitikei River at approx. NZMS 260 S23:046-004 to sources as far west and north as Parewanui Road.</u>	<u>Rangitikei</u>
<u>Coastal Rangitikei (Rang 4)</u>	<u>Coastal Rangitikei (Rang 4a)</u>	<u>Bulls Domain and Racecourse drains</u>	<u>From confluence with the Rangitikei River at approx. NZMS 260 S23:130-102 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>Tidal Rangitikei (Rang 4b)</u>	<u>Parewanui Drains (part)</u>	<u>From confluence with the Rangitikei River at approx. NZMS 260 S23:010-001 to source</u>	<u>Rangitikei</u>
		<u>Parewanui Drains (part)</u>	<u>From confluence with the Rangitikei River at approx. NZMS 260 S24:014-996 to source</u>	<u>Rangitikei</u>
	<u>Parewanui Drains (part)</u>	<u>From confluence with the Rangitikei River at approx. NZMS 260 S24:025-985 to source</u>	<u>Rangitikei</u>	

Table AB.11: Flood Control and Drainage (FC/D) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River^</u>	<u>Locality Description</u>	<u>Common Name of Flood Control and/or Drainage Scheme</u>
		<u>Parewanui Drains (part)</u>	<u>From confluence with Forest Road Wetland at approx. NZMS 260 S23:024-024 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 approx. NZMS 260 T22:382-519</u>	<u>Porewa</u>
		<u>Ongo Stream and Tributary</u>	<u>From confluence with the Porewa Stream at approx. NZMS 260 S22:259-348 to approx. NZMS 260 S22:249-379 and from approx. NZMS 260 S22:257-355 to approx. NZMS 260 S22:256-356</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>Coastal Rangitikei (Rang. 4)</u>		<u>Porewa (Rang. 4c)</u>	<u>Porewa Scheme Detention Dam 44</u>	<u>100 metres upstream and downstream of approx. NZMS 260 S22:256-356</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>
	<u>Porewa Scheme Detention Dam 62</u>		<u>100 metres upstream and downstream of approx. NZMS 260 T22:306-377</u>	<u>Porewa</u>
	<u>Porewa Scheme Detention Dam 63</u>		<u>100 metres upstream and downstream of approx. NZMS 260 T22:312-388</u>	<u>Porewa</u>
	<u>Porewa Scheme Detention Dam 64</u>		<u>100 metres upstream and downstream of approx. NZMS 260 T22:332-388</u>	<u>Porewa</u>

Table AB.11: Flood Control and Drainage (FC/D) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River^</u>	<u>Locality Description</u>	<u>Common Name of Flood Control and/or Drainage Scheme</u>
		<u>Porewa Scheme Detention Dam 73</u>	<u>100 metres upstream and downstream of approx. NZMS 260 S22:296-386</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam 75</u>	<u>100 metres upstream and downstream of approx. NZMS 260 S22:288-398</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam 82</u>	<u>100 metres upstream and downstream of approx. NZMS 260 T22:315-415</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam 83</u>	<u>100 metres upstream and downstream of approx. NZMS 260 T22:317-417</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam 84</u>	<u>100 metres upstream and downstream of approx. NZMS 260 T22:320-423</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam 85</u>	<u>100 metres upstream and downstream of approx. NZMS 260 T22:326-433</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam 86</u>	<u>100 metres upstream and downstream of approx. NZMS 260 T22:332-439</u>	<u>Porewa</u>
<u>Coastal Rangitikei (Rang 4)</u>	<u>Porewa (Rang 4c)</u>	<u>Porewa Scheme Detention Dam 92</u>	<u>100 metres upstream and downstream of approx. NZMS 260 T22:319-398</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam 93</u>	<u>100 metres upstream and downstream of approx. NZMS 260 T22:327-408</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam 94</u>	<u>100 metres upstream and downstream of approx. NZMS 260 T22:333-415</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam 94A</u>	<u>100 metres upstream and downstream of approx. NZMS 260 T22:333-416</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam 95</u>	<u>100 metres upstream and downstream of approx. NZMS 260 T22:336-428</u>	<u>Porewa</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>

Table AB.11: Flood Control and Drainage (FC/D) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River^</u>	<u>Locality Description</u>	<u>Common Name of Flood Control and/or Drainage Scheme</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>Hanratty Drain</u>	<u>At approx. NZMS 260 S23:122-119 to approx. NZMS 260 S23:130-127</u>	<u>Tutaenui</u>
		<u>Lower Tutaenui Overflow Channel</u>	<u>At approx. NZMS 260 S23:126-130 to approx. NZMS 260 S23:128-131</u>	<u>Tutaenui</u>
		<u>Tricker Drain</u>	<u>At approx. NZMS 260 S23:127-133 to approx. NZMS 260 S23:127-135</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 Stream Tributary</u>	<u>From confluence with the Tutaenui Stream at approx. NZMS 260 S23:133-212 to approx. NZMS 260 S23:136-227 and to approx. NZMS 260 S23:146-224</u>	<u>Tutaenui</u>
<u>Coastal Rangitikei (Rang 4)</u>	<u>Tutaenui (Rang 4d)</u>	<u>Marion West Stream and drain</u>	<u>At approx. NZMS 260 S23:130-216 to approx. NZMS 260 S23:123-229 and to approx. NZMS 260 S23:129-211</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>

Table AB.11: Flood Control and Drainage (FC/D) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River^</u>	<u>Locality Description</u>	<u>Common Name of Flood Control and/or Drainage Scheme</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>
		<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>Cherry Grove, Te Maire (Whai 2, Whai 3)</u>	<u>Cherry Grove, Te Maire (Whai 2a and Whai 3)</u>	<u>Whanganui River</u>	<u>At approx. NZMS 260 S18:054-531 to approx. NZMS 260 S18:127-541</u>	<u>Upper Whanganui</u>
<u>Cherry Grove (Whai 2)</u>	<u>Lower Ongarue (Whai 2g)</u>	<u>Ongarue River</u>	<u>From confluence with the Whanganui River at approx. NZMS 260 S18:055-545 to approx. NZMS 260 S18:051-572</u>	<u>Upper Whanganui</u>
<u>Lower Whanganui (Whai 7)</u>	<u>Lower Whanganui (Whai 7a)</u>	<u>Mateongaonga Stream</u>	<u>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</u>	<u>Matarawa</u>

Table AB.11: Flood Control and Drainage (FC/D) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River^</u>	<u>Locality Description</u>	<u>Common Name of Flood Control and/or Drainage Scheme</u>
		<u>Mangamoku Stream</u>	<u>From confluence with the Mateongaonga Stream at approx. NZMS 260 S22:937-430 to source</u>	<u>Matarawa</u>
		<u>Mateongaonga Stream Tributary</u>	<u>From confluence with Mateongaonga Stream at approx. NZMS 260 R22:889-422 to approx. NZMS 260 R22:893-410</u>	<u>Matarawa</u>
		<u>Kaimatira Road Drain</u>	<u>At approx. NZMS 260 R22:890-420 to approx. NZMS 260 S22:901-420</u>	<u>Matarawa</u>
		<u>Matarawa (Whai 7d)</u>	<u>Matarawa Stream and Tributary, including two detention dams</u>	<u>From approx. NZMS 260 R22:870-409 to approx. NZMS 260 S22:011-368 and at approx. NZMS 260 S22:961-387 to approx. NZMS 260 S22:967-860</u>
<u>Lower Whanganui (Whai 7)</u>	<u>Matarawa (Whai 7d)</u>	<u>Bardell Drain network</u>	<u>From the confluence with the Matarawa Stream at approx. NZMS 260 R22:893-410 to source</u>	<u>Matarawa</u>
		<u>Mangaone Stream and Tributary, including one detention dam</u>	<u>From confluence with the Matarawa Stream at approx. NZMS 260 S22:915-399 to approx. NZMS 260 S22:940-394 and at approx. NZMS 260 S22:940-394 to approx. NZMS 260 S22:953-403</u>	<u>Matarawa</u>
		<u>Railway Drain</u>	<u>At approx. NZMS 260 S22:917-399 to approx. NZMS 260 S22:924-394</u>	<u>Matarawa</u>
		<u>Kaukatea Stream and Tributary, including one detention dam</u>	<u>From confluence with the Mangaone Stream at approx. NZMS 260 S22:919-399 to NZMS 260 S22:002-425 and at approx. NZMS 260 S22:986-417 to approx. NZMS 260 S22:989-416</u>	<u>Matarawa</u>
		<u>Okoia Drain</u>	<u>At approx. NZMS 260 S22:922-398 to source</u>	<u>Matarawa</u>
		<u>Kaukatea Stream Tributary Detention Dam</u>	<u>100 metres upstream and downstream of approx. NZMS 260 S22:987-415</u>	<u>Matarawa</u>
<u>Lower and Coastal Whangaehu (Whau 3, Whau 4)</u>	<u>Lower and Coastal Whangaehu (Whau 3a, Whau 4)</u>	<u>Whangaehu River</u>	<u>From the cross-river CMA boundary at approx. NZMS 260 S23:903-287 to approx. NZMS 260 S22:089-466</u>	<u>Whangaehu</u>
<u>Lower Whangaehu (Whau 3)</u>	<u>Lower Whangaehu (Whau 3a)</u>	<u>Mangawhero River</u>	<u>From confluence with the Whangaehu River at approx. NZMS 260 S22:065-471 to approx. NZMS 260 S22:041-550</u>	<u>Whangaehu</u>
	<u>Upper Mangawhero (Whau 3d)</u>	<u>Mangahowhi Stream and detention dam</u>	<u>At approx. NZMS 260 S20:100-920 to approx. NZMS 260 S20:146-922</u>	<u>Pakahi</u>
		<u>Mangahowhi Tributary stream and detention dam</u>	<u>From confluence with the Mangahowhi Stream at approx. NZMS 260 S20:138-921 to approx. NZMS 260 S20:138-919</u>	<u>Pakahi</u>

Table AB.11: Flood Control and Drainage (FC/D) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River[^]</u>	<u>Locality Description</u>	<u>Common Name of Flood Control and/or Drainage Scheme</u>
<u>Coastal Whangāehu (Whau 4)</u>	<u>Coastal Whangāehu (Whau 4)</u>	<u>Whangāehu River Tributary and drains</u>	<u>From confluence with the Whangāehu River at approx. NZMS 260 S22:988-319 to approx. NZMS 260 S22:014-328 and to approx. NZMS 260 S22:010-334 and to approx. NZMS 260 S22:007-326</u>	<u>Haunui</u>
<u>Coastal Whangāehu (Whau 4)</u>	<u>Coastal Whangāehu (Whau 4)</u>	<u>Whangāehu River Tributary and drains</u>	<u>From confluence with the Whangāehu River at approx. NZMS 260 S22:006-338 to source</u>	<u>Haunui</u>
		<u>Whangāehu River Tributary and drains</u>	<u>From confluence with the Whangāehu River at approx. NZMS 260 S22:009-341 to source</u>	<u>Haunui</u>
<u>Turakina (Tura 1)</u>	<u>Lower Turakina (Tura 1)</u>	<u>Makirikiri Stream</u>	<u>From confluence with the Turakina River at approx. NZMS 260 S23:955-245 to approx. NZMS 260 S23:985-250</u>	<u>Makirikiri</u>
		<u>Makirikiri Stream Tributary (drain/spillway)</u>	<u>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</u>	<u>Makirikiri</u>
<u>Ohau (Ohau 1)</u>	<u>Upper and Lower Ohau (Ohau 1a, Ohau 1b)</u>	<u>Ohau River</u>	<u>From the cross-river CMA boundary at approx. NZMS 260 S25:930-595 to approx. NZMS 260 S25:097-586</u>	<u>Ohau Manakau</u>
	<u>Lower Ohau (Ohau 1a)</u>	<u>Ohau Loop</u>	<u>From confluence with the Ohau River at approx. NZMS 260 S25:936-586 to approx. NZMS 260 S25:939-583 and at approx. NZMS 260 S25:933-586 to approx. NZMS 260 S25:929-585</u>	<u>Ohau Manakau</u>
		<u>Lake Waitaha outlet stream</u>	<u>From confluence with the Ohau River at approx. NZMS 260 S25:946-580 to source</u>	<u>Ohau Manakau</u>
		<u>Kuku Stream</u>	<u>From confluence with the Ohau River at approx. NZMS 260 S25:947-578 to approx. NZMS 260 S25:022-547</u>	<u>Ohau Manakau</u>
		<u>Kuku Stream Tributary and drains</u>	<u>From confluence with the Kuku Stream at approx. NZMS 260 S25:948-577 to source</u>	<u>Ohau Manakau</u>
		<u>Kuku Stream Tributary and drains</u>	<u>From confluence with the Kuku Stream at approx. NZMS 260 S25:952-571 to source</u>	<u>Ohau Manakau</u>
		<u>Kuku Stream Tributary and drains</u>	<u>From confluence with the Kuku Stream at approx. NZMS 260 S25:961-567 to approx. NZMS 260 S25:977-563</u>	<u>Ohau Manakau</u>
		<u>Haines Drain and tributaries (drains)</u>	<u>From confluence with the Ohau River at approx. NZMS 260 S25:952-578 to source</u>	<u>Ohau Manakau</u>

Table AB.11: Flood Control and Drainage (FC/D) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River^</u>	<u>Locality Description</u>	<u>Common Name of Flood Control and/or Drainage Scheme</u>
<u>Ohau (Ohau 1)</u>	<u>Lower Ohau (Ohau 1a)</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 S25:972-586 to source</u>	<u>Ohau Manakau</u>
<u>Akitio (Akit 1)</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>Wakawaihine 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 U24:967-700 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 U24:955-705 to approx. NZMS 260 U24:955-702</u>	<u>Akitio</u>
		<u>Akitio River Tributary</u>	<u>From confluence with the Akitio River at approx. NZMS 260 U24:950-714 to approx. NZMS 260 U24:951-716</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>Rakauphipuhi 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 (Akit 1)</u>	<u>Lower Akitio (Akit 1b)</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 AB.11: Flood Control and Drainage (FC/D) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River^</u>	<u>Locality Description</u>	<u>Common Name of Flood Control and/or Drainage Scheme</u>
		<u>Makupara Stream</u>	From confluence with the Akitio River at approx. NZMS 260 U24:881-767 to NZMS 260 U24:879-766	<u>Akitio</u>
		<u>Akitio River Tributary</u>	From confluence with the Akitio River at approx. NZMS 260 U24:882-768 to approx. NZMS 260 U24:882-770	<u>Akitio</u>
		<u>Akitio River Tributary</u>	From confluence with the Akitio River at approx. NZMS 260 U24:898-781 to approx. NZMS 260 U24:898-783	<u>Akitio</u>
		<u>Akitio River Tributary</u>	From confluence with the Akitio River at approx. NZMS 260 U24:888-788 to approx. NZMS 260 U24:887-790	<u>Akitio</u>
		<u>Waihi River</u>	From confluence with the Akitio River at approx. NZMS 260 U24:895-802 to NZMS 260 U24:894-803	<u>Akitio</u>
		<u>Table Stream</u>	From confluence with the Akitio River at approx. NZMS 260 U24:910-812 to NZMS 260 U24:909-813	<u>Akitio</u>
		<u>Tahuokaretu Stream</u>	From confluence with the Akitio River at approx. NZMS 260 U24:913-817 to NZMS 260 U24:914-816	<u>Akitio</u>
<u>Southern Whanganui Lakes (West 5)</u>	<u>Southern Whanganui Lakes (West 5)</u>	<u>Raumai Range Stream Tributary</u>	From confluence with the Raumai Range Stream at approx. NZMS 260 S23:990-083 to source	<u>Forest Road</u>
<u>Northern Manawatu Lakes (West 6)</u>	<u>Northern Manawatu Lakes (West 6)</u>	<u>Coastal Lake Station Stream</u>	From the cross-river CMA boundary at approx. NZMS 260 S24:989-875 to source	<u>Himatangi</u>
<u>Lake Papaitonga (West 7)</u>	<u>Lake Papaitonga (West 7)</u>	<u>Waiwiri Stream and Lake Papaitonga</u>	From approx. NZMS 260 S25:935-620 to source	<u>Ohau/Manakau</u>
<u>Waikawa (West 9)</u>	<u>Waikawa (West 9a)</u>	<u>Waikawa Stream</u>	From approx. NZMS 260 S25:921-561 to approx. NZMS 260 S25:994-519	<u>Ohau/Manakau</u>
		<u>Campbell Drain</u>	From confluence with the Waikawa Stream at approx. NZMS 260 S25:943-548 to source	<u>Ohau/Manakau</u>
		<u>Waikawa Stream Tributary</u>	From confluence with the Waikawa Stream at approx. NZMS 260 S25:994-519 to source	<u>Ohau/Manakau</u>
<u>Waikawa (West 9)</u>	<u>Manakau (West 9b)</u>	<u>Manakau Stream</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>Ohau/Manakau</u>
		<u>Waiauti Stream</u>	From confluence with the Manakau Stream at approx. NZMS 260 S25:966-508 to approx. NZMS 260 S25:966-489	<u>Ohau/Manakau</u>

Table AB.11: Flood Control and Drainage (FC/D) Value in the Region

Water Management Zone*	Sub-zone*	River^	Locality Description	Common Name of Flood Control and/or Drainage Scheme
		<u>Waiauti Stream Tributary</u>	<u>From confluence with the Waiauti Stream at approx. NZMS 260 S25:968-492 to approx. NZMS 260 S25:978-484</u>	<u>Ohau/Manakau</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>
Lake Horowhenua (Hoki 1)	<u>Lake Horowhenua, Hoki (Hoki 1a, Hoki 1b)</u>	<u>Hokio Tributary (drains)</u>	<u>From the confluence with the Hokio Stream at approx. NZMS 260 S25:980-646 to source</u>	<u>Hokio</u>
	<u>Lake Horowhenua (Hoki 1a)</u>	<u>Hokio Stream</u>	<u>From the cross-river CMA boundary at approx. NZMS 260 S25:950-658 to Lake Horowhenua at approx. NZMS 260 S25:993-643</u>	<u>Hokio</u>
		<u>Lake Horowhenua Tributary (drain)</u>	<u>From confluence with Lake Horowhenua at approx. NZMS 260 S25:996-628 to source</u>	<u>Hokio</u>
		<u>Mairua Drain network</u>	<u>From confluence with Lake Horowhenua at approx. NZMS 260 S25:014-653 to sources as far west as approx. NZMS 260 S25:008-664 as far north as approx. NZMS 260 S25:020-664 and as far east as approx. NZMS 260 S25:031-657</u>	<u>Hokio</u>
Lake Horowhenua, Ohau (Hoki 1, Ohau 1)	<u>Lake Horowhenua, Lower Ohau (Hoki 1a, Ohau 1b)</u>	<u>Arawhata Drain and tributaries including McLeavey, Kohitere and Kimberley Transit drains</u>	<u>From confluence with Arawhata Drain at approx. NZMS 260 S25:003-628 to sources as far south as Buller and McLeavy Roads as far north as Hokio Beach Road as far west as Sand Road and as far east as Arapaepae Road</u>	<u>Hokio</u>
Lake Horowhenua, Ohau (Hoki 1, Ohau 1)	<u>Lake Horowhenua, Lower Ohau (Hoki 1a, Ohau 1b)</u>	<u>Hokio Beach Rd drain and tributaries including Boulton Rd drain</u>	<u>From confluence with Arawhata Drain at approx. NZMS 260 S25:001-625 to source</u>	<u>Hokio</u>
		<u>Painua drains and tributaries</u>	<u>From confluence with Arawhata Drain at approx. NZMS 260 S25:996-622 to source</u>	<u>Hokio</u>
		<u>Whelans Drain and tributaries including Farm Road, Kimberley and Pescini drains</u>	<u>From confluence with Arawhata Drain at approx. NZMS 260 S25:994-619 to Kimberly Centre at approx. NZMS 260 S25:028-589</u>	<u>Hokio</u>

Table AB.11: Flood Control and Drainage (FC/D) Value in the Region

<u>Water Management Zone*</u>	<u>Sub-zone*</u>	<u>River^</u>	<u>Locality Description</u>	<u>Common Name of Flood Control and/or Drainage Scheme</u>
		<u>Arawhata Tributary (drain)</u>	<u>From confluence with Arawhata Drain at approx. NZMS 260 S25:989-613 to confluence with Farm Road drain at approx. NZMS 260 S25:999-605</u>	<u>Hokio</u>



Map D:20 Location of Existing Surface Water Takes for Industry in the Manawatu-Wanganui Region
[Formerly POP at D-73]

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		
Cherry Grove	Tutaenui	Tutaenui Stream	At approx NZMS 260 S23:129-233
	Cherry Grove	Whanganui River	At approx NZMS 260 S18:167-502
	Upper Ongarue	Waimiha Stream	At approx t NZMS 260 S17:250-968
	Lower Ongarue	Taringamotu River	At approx NZMS 260 S18:193-592
Pipiriki	Lower Manganui O Te Ae	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

[Formerly POP at D-74]



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

[Formerly POP at D-75]

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

Management Zone	Sub-zone	River	Number of Consents	Description
	Middle Pohangina	Pohangina River	4	At approx NZMS 260 T23:465-050
			4	At approx NZMS 260 T23:501-115
			4	At approx NZMS 260 T23:475-077
	Lower Pohangina	Pohangina River	4	At approx NZMS 260 T23:463-054
			4	At approx NZMS 260 T24:455-989
			4	At approx NZMS 260 T23:459-014
Lower Manawatu	Lower Manawatu	Manawatu River	4	At approx NZMS 260 S24:202-830
			4	At approx NZMS 260 S24:170-823
	Kahuterawa	Kahuterawa Stream	4	At approx NZMS 260 T24:311-831
		Kara Creek	4	At approx NZMS 260 T24:306-844
Lower Mangaone Stream	Mangaone Stream	4	At approx NZMS 260 S24:283-878	
Oroua	Upper Oroua	Oroua River	4	At approx NZMS 260 T23:347-092
			4	At approx NZMS 260 T23:343-075
			4	At approx NZMS 260 T23:341-077
			4	At approx NZMS 260 T23:366-114
			4	At approx NZMS 260 T23:348-089
	Lower Oroua	Oroua River	4	At approx NZMS 260 S24:185-938
	Kiwitea	Kiwitea Stream	4	At approx NZMS 260 T22:522-406
	Makino	Mangaone West Stream	4	At approx NZMS 260 S23:254-055
			4	At approx NZMS 260 S23:228-111
		Makino Stream	4	At approx NZMS 260 S23:243-006
			4	At approx NZMS 260 S23:254-023
Coastal Manawatu	Coastal Manawatu	Manawatu River	4	At approx NZMS 260 S24:129-785
			4	At approx NZMS 260 S24:132-741
			4	At approx NZMS 260 S24:115-717
			4	At approx NZMS 260 S24:033-735
	Lower Tokomaru	Tokomaru River	2	At approx NZMS 260 S24:143-729
	Mangaore	Mangaore Stream	4	At approx NZMS 260 S25:165-691
Koputaroa	Koputaroa Stream	4	At approx NZMS 260 S25:070-630	
Middle Rangitikei	Pukeokahu-Mangaweka	Kawhatau River	4	At approx NZMS 260 T22:631-496
			4	At approx NZMS 260 T22:635-492
Lower Rangitikei	Lower Rangitikei	Rangitikei River	4	At approx NZMS 260 S23:265-294
			4	At approx NZMS 260 S23:235-273
			4	At approx NZMS 260 S23:221-236
			4	At approx NZMS 260 S23:212-227
			4	At approx NZMS 260 S23:224-255
			4	At approx NZMS 260 T22:310-303
			4	At approx NZMS 260 S23:212-227
			4	At approx NZMS 260 T22:353-361
			4	At approx NZMS 260 S23:252-285
Coastal Rangitikei	Coastal Rangitikei	Rangitikei River	4	At approx NZMS 260 S23:089-089
			4	At approx NZMS 260 S23:076-071
			4	At approx NZMS 260 S23:145-105
			4	At approx NZMS 260 S23:167-122
			4	At approx NZMS 260 S23:163-138
			4	At approx NZMS 260 S24:040-995
			4	At approx NZMS 260 S23:168-149
			4	At approx NZMS 260 S23:088-083
			4	At approx NZMS 260 S23:082-053
			4	At approx NZMS 260 S23:176-155

Management Zone	Sub-zone	River	Number of Consents	Description	
			4	At approx NZMS 260 S23:158-122	
			4	At approx NZMS 260 S23:075-055	
			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	
		Waireka 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	
Upper Whangaehu	Waitangi	Waitangi Stream	4	At approx NZMS 260 T21:317-887	
			4	At approx NZMS 260 T21:337-893	
		Makiokio Stream	4	At approx NZMS 260 T21:395-898	
	Tokiahuru	Tokiahuru Stream		4	At approx NZMS 260 S21:245-890
				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
		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 S20:173-962
		Hapuawhenua Stream	4	At approx NZMS 260 S20:125-956	
		Taonui Stream	4	At approx NZMS 260 S20:122-967	
		Mangaoteitai Stream		4	At approx NZMS 260 S20:178-953
				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	

Management Zone	Sub-zone	River	Number of Consents	Description
Mowhanau	Mowhanau	Omapu Stream	1	At approx NZMS 260 R22:803-459
Lake Papatonga	Lake Papatonga	Lake Papatonga	1	At approx NZMS 260 S25:938-617
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

[Formerly POP at D-76 to D-79]

Part AB.3: Surface Water[^] Management Values Key: showing the management objectives, where the Values apply and where to find them in Schedule AB

Value Group	Individual Values	Management Objective	Where it applies	Location in Schedule AB	
Ecosystem Values	NS	Natural State	The waterbody <u>river[^]</u> and its <u>bed[^]</u> are is maintained in their its natural state	Public Conservation Land Refer to Map D:9 Page 19 and Table D.3 Page 20	Figure AB:2 page AB-24 and Table AB.2 page AB-25
	LSC	Life-supporting Capacity	The <u>water body[^]</u> and its <u>bed[^]</u> supports healthy aquatic life/ecosystems	All natural <u>water bodies[^]</u> and their <u>beds[^]</u> (40 8 LSC classes) Refer to Map D:10 Page 21 and Table D.4 Page 22	Figure AB:1 page AB-18
	SOS-A	Sites of Significance - Aquatic	Sites of significance for <u>native indigenous</u> aquatic biodiversity are maintained or <u>improved enhanced</u>	Specified sites/reaches Refer to Map D:11 Page 27 and Table D.5 Page 28	Figure AB:3 page AB-27 and Table AB.3 pages Ba-28 to AB-38
	SOS-R	Sites of Significance - Riparian	Sites of significance for <u>native indigenous</u> riparian biodiversity are maintained or <u>improved enhanced</u>	Specified sites/reaches Refer to Map D:12 Page 36 and Table D.6 Page 37	Figure AB:4 page AB-40 and Table AB.4 pages AB-41 to AB-43
	NFS IS	Native Fish Inanga Spawning	The <u>water body[^]</u> and its <u>bed[^]</u> sustains healthy <u>native fish inanga</u> spawning and <u>fry egg</u> development	Specified sites/reaches Refer to Map D:13 Page 40 and Table D.7 Page 41	Figure AB:5 page AB-48 and Table AB.5 pages AB-49 to AB-50
	WM	Whitebait [*] Migration	The <u>water body[^]</u> and its <u>bed[^]</u> are maintained or enhanced to provide <u>safe passage of inwardly migrating juvenile native fish known collectively as whitebait[*]</u>	Specified sites/reaches Refer to Map D:15 Page 47 and Table D.9 Page 48	Figure AB:6 page AB-56 and Table AB.6 pages AB-57 to AB-59
Recreational and Cultural Values	CR	Contact Recreation	The <u>water body[^]</u> and its <u>bed[^]</u> is are suitable for contact recreation	All natural <u>water bodies[^]</u> and their <u>beds[^]</u>	
	Am	Amenity	The amenity values of the waterbodies 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	
	NF	Native Fishery	The waterbody 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 <u>mauri[*]</u> of the <u>water body[^]</u> and its <u>bed[^]</u> is maintained or improved enhanced	All natural <u>water bodies[^]</u> and their <u>beds[^]</u>	
	SG	Shellfish Gathering	The waterbody is suitable for shellfish harvesting	Coastal waters (CMA)	
	SOS-C	Sites of Significance - Cultural	Sites of significance for cultural values are maintained	Specified sites for the Manawatu River in Mana 10a, 11a, 13a and 13f To be defined	Figure AB:7 page AB-60 and Table AB.7 pages AB-61 to AB-62
	TF	Trout Fishery	The <u>water body[^]</u> and its <u>bed[^]</u> 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	Figure AB:8 page AB-64 and Table AB.8 pages AB-65 to AB-72
	TS	Trout Spawning	The <u>water body[^]</u> and its <u>bed[^]</u> 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	Figure AB:9 page AB-74 and Table AB.9 pages AB-75 to AB-85
	AEe	Aesthetics	The aesthetic values of the <u>water body[^]</u> and its <u>bed[^]</u> and its margins are maintained or improved enhanced	All natural <u>water bodies[^]</u> and their <u>beds[^]</u> Specified sites / reaches Refer to Map D:18 Page 66 and Table D.12 Page 67	
Water [^] Use	WS	Water [^] Supply	The <u>water[^] body</u> is suitable, <u>after treatment</u> , as a <u>raw drinking water[^]</u> source for human consumption	Catchments above surface <u>water[^]</u> takes for community <u>water[^]</u> supply Refer to Map D:19 Page 69 and Table D.13 Page 70	Figure AB:10 page AB-87 and Table AB.10 pages AB-88 to AB-94
	IA	Industrial Abstraction	The <u>water[^] body</u> is suitable as a <u>water[^]</u> source for industrial abstraction or use, including for hydroelectricity generation	All natural <u>water bodies[^]</u> except those classified as NS and those covered by NWCO and those identified as zero allocation <u>Water Management Zones[*]</u> or <u>Sub-zones[*]</u> in Schedule B Refer to Map D:20 Page 73 and Table D.14 Page 74	
	I	Irrigation	The <u>water[^] body</u> is suitable as a <u>water[^]</u> source for irrigation	All natural <u>water bodies[^]</u> except those classified as NS and those covered by NWCO and those identified as zero allocation <u>Water Management Zones[*]</u> or <u>Sub-zones[*]</u> in Schedule B Refer to Map D:21 Page 75 and Table D.15 Page 76	
	SW	Stockwater	The <u>water[^] body</u> is suitable as a supply of drinking <u>water[^]</u> for livestock	All <u>water bodies[^]</u> including artificial	
Social/Economic Values	CAP	Capacity to Assimilate Pollution	The capacity of a <u>water body[^]</u> and its <u>bed[^]</u> to assimilate pollution is not exceeded	All natural <u>water bodies[^]</u> and their <u>beds[^]</u> except NS	
	FC/D	Flood Control and Drainage	The integrity of existing flood and <u>river[^]</u> bank erosion protection <u>structures[^]</u> and existing drainage <u>structures[^]</u> is not compromised	Existing flood/ erosion control and drainage schemes	Figure AB:11 page AB-95 and Table AB.11 pages AB-96 to AB-120
	D	Drainage	The integrity of existing drainage <u>structures</u> shall not be compromised	Existing drainage schemes	
	EI	Existing Infrastructure [^]	The integrity of existing <u>infrastructure[^]</u> is shall not be compromised	Drainage scheme areas This applies in the general vicinity of any existing <u>infrastructure[^]</u> such as roads, culverts, bridges, <u>water[^]</u> intakes, <u>discharge[^]</u> pipes, flow recording stations and gas pipelines	

[Formerly POP at D-1 to D-21]

Surface Water[^] Management Values Classification Sub-code Key

Value	Classification Sub-codes
LSC	<u>UHS: Upland Hard Sedimentary</u> <u>UVA: Upland Volcanic Acidic</u> <u>UVM: Upland Volcanic Mixed</u> <u>Uli: Upland Limestone</u> <u>HM: Hill Mixed</u> <u>HSS: Hill Soft Sedimentary</u> <u>LM: Lowland Mixed</u> <u>LS: Lowland Sand</u>
TF	<u>I: Outstanding</u> <u>II: Regionally Significant</u> <u>III: Other Trout Fishery</u>

[Formerly POP at D-3]