

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

Ba2.2.1: Sub-Zone-Wide Water Management Values:

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

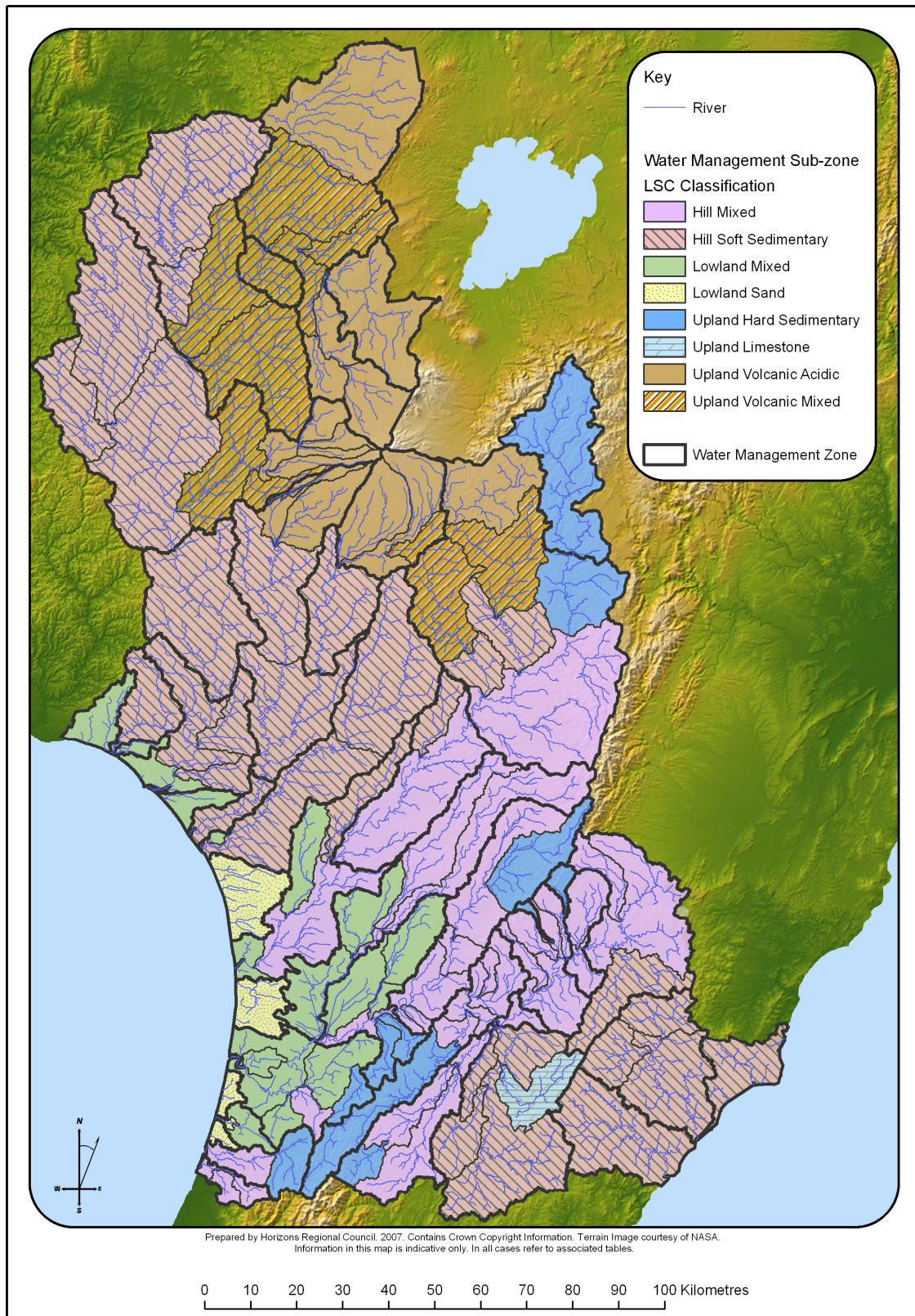
The aquatic communities that *rivers* across the region support are highly variable. To account for this, the LSC Classification groups the region's *rivers* into one of 8 ecosystem classes (based on their geology and landforms). *Rivers* are then managed to ensure their ability to support aquatic life is maintained at a healthy level appropriate for that ecosystem *environment*.

Ecosystem Values

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



Life Supporting Capacity (LSC) Value



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

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

Management Zone	Sub-zone	Sub-zone Description [*]	Life Supporting Capacity Classification
Upper Manawatu (Mana_1)	Upper Manawatu (Mana_1a)	Manawatu River – source to Weber Road (U23:751_027)	HM
	Mangatewainui (Mana_1b)	Mangatewainui River – source to Manawatu confluence (U23:829_086)	HM
	Mangatoro (Mana_1c)	Mangatoro Stream – source to Manawatu confluence (U23:810_027)	HSS
Weber-Tamaki (Mana_2)	Weber-Tamaki (Mana_2a)	Manawatu River – Weber Road to Tamaki confluence (U23:709_003)	HM
	Mangatera (Mana_2b)	Mangatera Stream – source to Manawatu confluence (U23:737_025)	HM
Upper-Tamaki (Mana_3)	Upper-Tamaki	Tamaki River – source to water supply weir (U23:709_111)	UHS
Upper-Kumeti (Mana_4)	Upper-Kumeti	Kumeti Stream – source to Te Rehunga flow recorder (T23:663_052)	UHS
Tamaki-Hopelands (Mana_5)	Tamaki-Hopelands (Mana_5a)	Manawatu River – Tamaki confluence to Hopelands (T24: 616-899)	HM
	Lower-Tamaki (Mana_5b)	Tamaki River – Water supply weir to Manawatu confluence (U23:709_002)	HM
	Lower-Kumeti (Mana_5c)	Kumeti Stream – Te Rehunga to Manawatu confluence (U23:701_006)	HM
	Oruakeretaki (Mana_5d)	Oruakeretaki Stream – source to Manawatu confluence (T23:690_000)	HM
	Raparapawai (Mana_5e)	Raparapawai Stream – source to Manawatu confluence (T24:643_932)	HM
Hopelands-Tiraumea (Mana_6)	Hopelands-Tiraumea	Manawatu River – Hopelands to Tiraumea confluence (Ngawapurua) (T24:553-870)	HM
Tiraumea (Mana_7)	Upper Tiraumea (Mana_7a)	Tiraumea River – Ngaturi <u>Makuri</u> confluence (T24:578_780)	HSS
	Lower Tiraumea (Mana_7b)	Tiraumea River – Ngaturi <u>Makuri</u> confluence to Manawatu confluence (T24:555-870)	HSS
	Mangaone River (Mana_7c)	Mangaone River – source to Tiraumea confluence (T24:541-730)	HSS
	Makuri (Mana_7d)	Makuri River – source to Tiraumea confluence (T24:568-771)	ULi
	Mangaramarama (Mana_8e) (Mana_7e)	Mangaramarama Creek – source to Mangatainoka confluence (T24 :557-844)Tiraumea confluence (T24:559-854)	<u>HSS</u>

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

Management Zone	Sub-zone	Sub-zone Description*	Life Supporting Capacity Classification
Mangatainoka (Mana_8)	Upper Mangatainoka (Mana_8a)	Source to Larsons Road (T25:308-595)	UHS
	Middle Mangatainoka (Mana_8b)	Larsons Road to downstream Makakahi confluence (T24:475-775)	HM
	Lower Mangatainoka (Mana_8c)	Makakahi confluence to Tiraumea confluence (T24:577-854)	HM
	Makakahi (Mana_8d)	Makakahi River – source to Mangatainoka confluence (T24:475-775)	HM
	Mangaramarama (Mana_8e)	Mangaramarama Creek – source to Mangatainoka confluence (T24 :557-844)	HSS
Upper Gorge (Mana_9)	Upper Gorge (Mana_9a)	Manawatu River – Tiraumea confluence to Upper Gorge flow recorder (T24:494-933)	HM
	Mangapapa (Mana_9b)	Mangapapa Stream – source to Mangaatua confluence (T24:515-922)	HM
	Mangaatua (Mana_9c)	Mangaatua Stream – source to Manawatu confluence (T24:496-925)	HM
	Upper Mangahao (Mana_9d)	Mangahao River – source to Balance (T24:468-818)	UHS
	Lower Mangahao (Mana_9e)	Mangahao River – Balance to Manawatu confluence (T24:496-891)	HM
Middle Manawatu (Mana_10)	Middle Manawatu (Mana_10a)	Manawatu River – Upper Gorge to Teacher's College (T24:331-892)	HM
	Upper Pohangina (Mana_10b)	Pohangina River – source to Totara Reserve (T23:534-167)	UHS
	Middle Pohangina (Mana_10c)	Pohangina River – Totara Reserve to Mais Reach (T23:467-953)	HM
	Lower Pohangina (Mana_10d)	Pohangina River – Mais Reach to Manawatu confluence (T24:450-966)	HM
	Aokautere (Mana_10e)	Aokautere Stream – source to Manawatu confluence (T24:349-899)	HM
Lower Manawatu (Mana_11)	Lower Manawatu (Mana_11a)	Manawatu River – Teacher's College to Oroua confluence (S24:167-826)	HM
	Turitea (Mana_11b)	Turitea Stream – source to Manawatu confluence (T24:304-881)	UHS
	Kahuterawa (Mana_11c)	Kahuterawa Stream – source to Manawatu confluence (S24:292-876)	UHS
	Upper Mangaone Stream (Mana_11d)	Mangaone Stream – source to Milson Line (T24:311-953)	LM
	Lower Mangaone Stream (Mana_11e)	Mangaone Stream – Milson Line to Manawatu confluence (S24:283-872)	LM

Management Zone	Sub-zone	Sub-zone Description*	Life Supporting Capacity Classification
	Main Drain (Mana_11f)	Main Drain catchment to Manawatu confluence (including Taonui Stream) (S24:181_836)	LM
Oroua (Mana_12)	Upper Oroua (Mana_12a)	Oroua River – source to Almadale (T23:365_113)	HM
	Middle Oroua (Mana_12b)	Oroua River – Almadale Awahuri Bridge (S23:243_002)	HM
	Lower Oroua (Mana_12c)	Oroua River – Awahuri Bridge to Manawatu confluence (S24:167_826)	LM
	Kiwitea (Mana_12d)	Kiwitea Stream – source to Oroua confluence (T23:309_066)	HM
	Makino (Mana_12e)	Makino Stream – source to Oroua confluence (S23:243_004)	LM
Coastal Manawatu (Mana_13)	Coastal Manawatu (Mana_13a)	Manawatu River – Oroua confluence to mouth (S24:977_788) <u>Excluding the Manawatu River from the CMA (S24:009_766) to the Mouth</u>	LM
	Upper Tokomaru (Mana_13b)	Tokomaru River – source to Horseshoe Bend (S24:241_768)	UHS
	Lower Tokomaru (Mana_13c)	Tokomaru River – Horseshoe Bend to Manawatu confluence (S24:134_727)	LM
	Mangaore (Mana_13d)	Mangaore River – source to Manawatu confluence (S24:123_717)	HM
	Koputaroa (Mana_13e)	Koputaroa Stream – source to Manawatu confluence (S24:106_708)	LM
	Foxton Loop (Mana_13f)	Manawatu at SH1 to downstream limit of Whirikino Cut (S24:010_769)	LM
Upper Rangitikei (Rang_1)	Upper Rangitikei	Rangitikei River – source to Makahikatea Stream (U21:726_888)	UHS
Middle Rangitikei (Rang_2)	Middle Rangitikei (Rang_2a)	Rangitikei River – Makahikatea Stream to Pukeokahu (U21:713_708)	UHS
	Pukeokahu – Mangaweka (Rang_2b)	Rangitikei main stem – Pukeokahu to Mangaweka (T22:504_513)	HM
	Upper Moawhango (Rang_2c)	Moawhango River – source to Moawhango Dam (T20:469_960)	UVA
	Middle Moawhango (Rang_2d)	Moawhango Dam to Moawhango Township (T21:557_745)	UVM
	Lower Moawhango (Rang_2e)	Moawhango Township to Rangitikei confluence (T21:609_623)	HSS
	Upper Hautapu (Rang_2f)	Hautapu River – source to Taihape (T21:506_670)	UVM
	Lower Hautapu (Rang_2g)	Hautapu River – Taihape to Rangitikei confluence (T22:529_574)	HSS

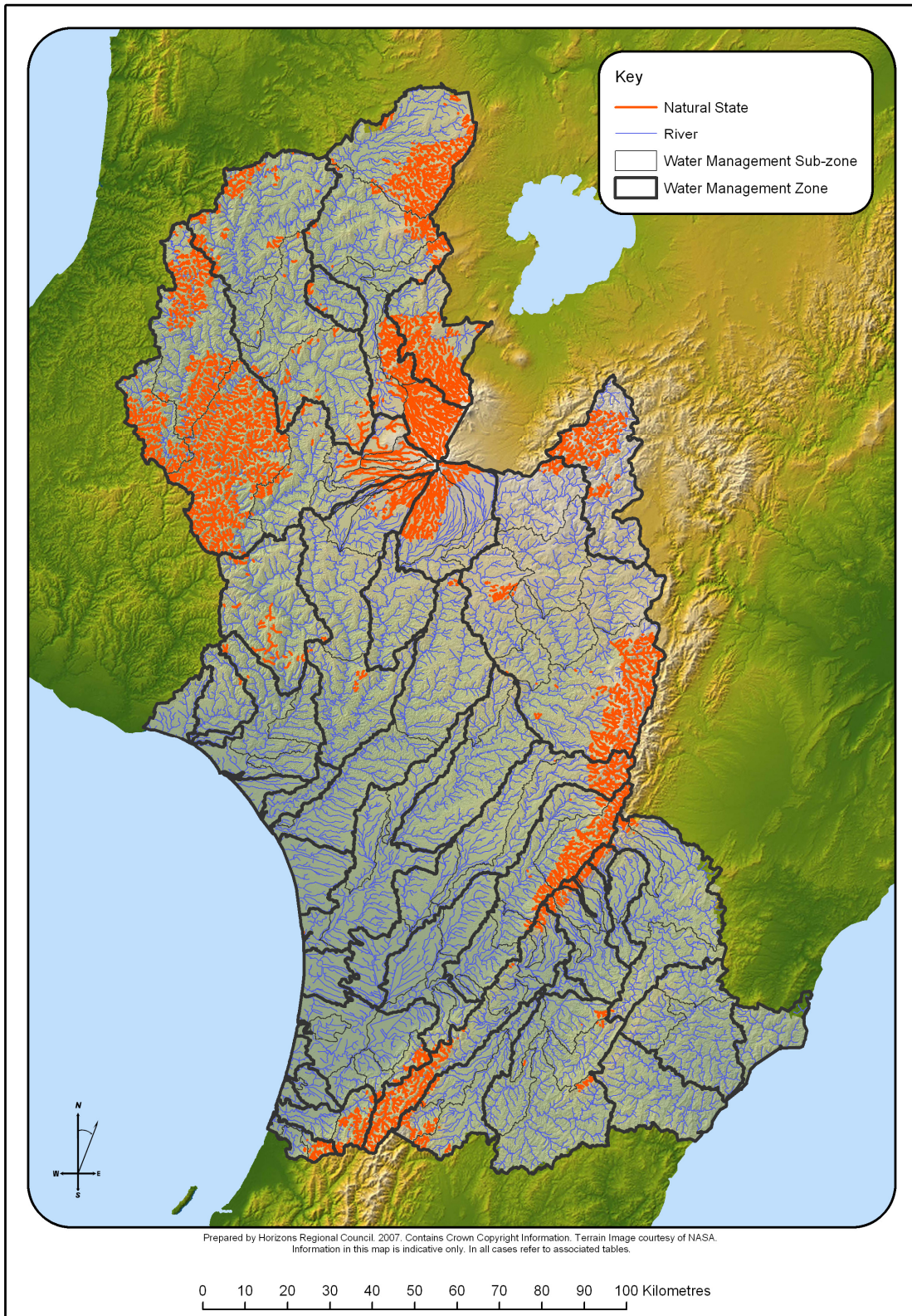
Management Zone	Sub-zone	Sub-zone Description*	Life Supporting Capacity Classification
Lower Rangitikei (Rang_3)	Lower Rangitikei (Rang_3a)	Rangitikei River – Mangaweka to Onepuhi (S23: 201_222)	HM
	Makohine (Rang_3b)	Makohine Stream – source to Rangitikei confluence (T22:400_443)	HSS
Coastal Rangitikei (Rang_4)	Coastal Rangitikei (Rang_4a)	Rangitikei – Onepuhi to McKelvies (S24:033_985)	HM
	Tidal Rangitikei (Rang_4b)	Rangitikei – McKelvies to mouth (S24:991_984) <u>Excluding the Rangitikei River from the CMA (S23:009-001) to the Mouth</u>	LM
	Porewa (Rang_4c)	Porewa Stream – source to Rangitikei confluence (S23:190_212)	HSS
	Tutaenui (Rang_4d)	Tutaenui Stream – source to Rangitikei confluence (S23:101_095)	LM
Upper Whanganui (Whai_1)	Upper Whanganui	Whanganui River – source to Whakapapa confluence (S19: 189_499)	UVA
Cherry Grove (Whai_2)	Cherry Grove (Whai_2a)	Whanganui River – Whakapapa confluence to Cherry Grove (S18:057_545)	UVM
	Upper Whakapapa (Whai_2b)	Whakapapa River – source to Footbridge (S19: 226_293)	UVA
	Lower Whakapapa (Whai_2c)	Whakapapa River – Footbridge to Whanganui confluence (S19: 189_499)	UVA
	Piopiotea (Whai_2d)	Piopiotea Stream – source to Whakapapa confluence (S19:174_356)	UVA
	Pungapunga (Whai_2e)	Pungapunga River – source to Whanganui confluence (S18:124_546)	UVM
	Upper Ongarue (Whai_2f)	Ongarue River – source to Waihuka Stream confluence (S18:108_785)	UVA
	Lower Ongarue (Whai_2g)	Ongarue River – Waihuka Stream to Whanganui confluence (S18:056_547)	UVM
Te Maire (Whai_3)	Te Maire	Whanganui River – Cherry Grove to Te Maire (S19: 998_490)	UVM
Middle Whanganui (Whai_4)	Middle Whanganui (Whai_4a)	Whanganui River – Te Maire to Retaruke confluence (Wades Landing/Whakahoro) (R19: 886_306)	UVM
	Upper Ohura (Whai_4b)	Ohura River – source to Tokorima (R18: 863_521)	HSS
	Lower Ohura (Whai_4c)	Ohura River – Tokorima to Whanganui confluence (R19:887_386)	HSS
	Retaruke (Whai_4d)	Retaruke River – source to Whanganui confluence (R19:890_309)	UVM
Pipiriki (Whai_5)	Pipiriki (Whai_5a)	Whanganui River – Retaruke confluence to Pipiriki (R21: 859_897)	HSS

Management Zone	Sub-zone	Sub-zone Description*	Life Supporting Capacity Classification
	Tangarakau (Whai_5b)	Tangarakau River – source to Whanganui confluence (R20:714_175)	HSS
	Whangamomona (Whai_5c)	Whangamomona River – source to Whanganui confluence (R20:731_130)	HSS
	Upper Manganui o te Ao (Whai_5d)	Manganui o te Ao River – source to Hoihenga Road (S20:047_077)	UVA
	Lower Manganui o te Ao (Whai_5e)	Manganui o te Ao – Hoihenga Road to Whanganui confluence (R20:861_979)	UVM
Paetawa (Whai_6)	Paetawa	Whanganui River – Pipiriki to Paetawa (S22: 937_566)	HSS
Lower Whanganui (Whai_7)	Lower Whanganui (Whai_7a)	Whanganui River – Paetawa to Aramoho Bridge (R22:858_420)	HSS
	Coastal Whanganui (Whai_7b)	Whanganui River – Aramoho Bridge to mouth (R22:797_328) <u>Excluding the Whanganui River from the CMA Boundary (R22:848_380) to the Mouth</u>	LM
	Upokongaro (Whai_7c)	Upokongaro River – source to Whanganui confluence (S22:908_463)	HSS
	Matarawa (Whai_7d)	Matarawa River – source to Whanganui confluence (R22:857_403)	HSS
Upper Whangaehu (Whau_1)	Upper Whangaehu (Whau_1a)	Whangaehu – source to Karioi (S21: 218_864)	UVA
	Waitangi (Whau_1b)	Waitangi Stream – source to Whangaehu confluence (T21:316_888)	UVM
	Tokiahuru (Whau_1c)	Tokiahuru Stream – source to Whangaehu confluence (S21:219_865)	UVA
Middle Whangaehu (Whau_2)	Middle Whangaehu	Whangaehu River – Karioi to Aranui (S21: 175_627)	HSS
Lower Whangaehu (Whau_3)	Lower Whangaehu (Whau_3a)	Whangaehu River – Aranui to Kauangaroa (S22:045_397) (includes Mangawhero from Raupiu Road to Whangaehu confluence)	HSS
	Upper Makotuku (Whau_3b)	Makotuku River – source to Water supply weir (S20:103_011)	UVA
	Lower Makotuku (Whau_3c)	Makotuku River – Water supply weir to Mangawhero confluence (S20:080_903)	UVA
	Upper Mangawhero (Whau_3d)	Mangawhero River – source to Makotuku confluence (S20:080_903)	UVA
	Lower Mangawhero (Whau_3e)	Mangawhero River – Makotuku confluence to Raupiu Road (S21:099_646)	HSS
Coastal Whangaehu (Whau_4)	Coastal Whangaehu	Whangaehu River – Kauangaroa to mouth (R23:890_275) <u>Excluding the Whangaehu River from the CMA (R23:903_287)</u>	HSS
Turakina (Tura_1)	Upper Turakina (Tura_1a)	Turakina River – source to Otairi (S22:236_471)	HSS

Management Zone	Sub-zone	Sub-zone Description*	Life Supporting Capacity Classification
	Lower Turakina (Tura_1b)	Turakina River – Otairo to mouth (S23:924_231) <u>Excluding the Turakina River from the CMA (S23:924-254) to the Mouth</u>	HSS
	Ratana (Tura_1c)	Lakes Waipu and Oraekomiko and all surrounding catchment area	LM
Ohau (Ohau_1)	Upper Ohau (Ohau_1a)	Ohau River – source to Rongomatane (S25:072-577)	UHS
	Lower Ohau (Ohau_ba)	Ohau River – Rongomatane to mouth (S25:918-578) <u>Excluding the Ohau River from the CMA (S25:929-595) to the mouth</u>	HM
Owahanga (Owha_1)	Owahanga	Owahanga River – source to mouth (U25:932-532) <u>Excluding the Owahanga River from the CMA (U25:932-532) to the mouth</u>	HSS
East Coast (East_1)	East Coast	Wainui, Tautane and Waimata – whole catchments from source to mouth. <u>Excluding the Wainui River from the CMA (V24:115-735) to Mouth</u>	HSS
Akitio (Akit_1)	Upper Akitio (Akit_1a)	Akitio River – source to Weber Road (U24: 919_832)	HSS
	Lower Akitio (Akit_1b)	Akitio River – Weber Road to mouth (U25:992-610) <u>Excluding the Akitio River from the CMA (U25:915-554)</u>	HSS
	Waihi (Akit_1c)	Waihi Stream – source to Akitio confluence (U24:895_801)	HSS
Northern Coastal (West_1)	Northern Coastal	All coastal catchments and dune lakes between Kai Iwi and Waitotara catchments	LM
Kai Iwi (West_2)	Kai Iwi	Kai Iwi Stream – source to mouth (R23:723-449) <u>Excluding the Kai Iwi Stream from the CMA ((R22:722-450) to the mouth</u>	HSS
Mowhanau (West_3)	Mowhanau	Mowhanau Stream – source to mouth (R22:725-447) <u>Excluding the Mowhanau Stream from the CMA ((R22:726-4448) to the mouth</u>	LM
Kaitoke Lakes (West_4)	Kaitoke Lakes	Lakes Kaitoke, Pauri, Wiriota, Kohata and all surrounding catchment area	LM
Southern Wanganui Lakes (West_5)	Southern Wanganui Lakes	Lakes Vipan, Heaton, Bernard, William, Herbert, Hickson, Alice, Koitiata, Dudding and all surrounding catchment area	LS
Northern Manawatu Lakes (West_6)	Northern Manawatu Lakes	All lakes and lagoons between Coastal Rangitikei and Coastal Manawatu and all surrounding catchment area	LS
Waitarere (West_7)	Waitarere	All lakes and lagoons between Coastal Manawatu and Lake Horowhenua catchment and all surrounding catchment area	LS
Lake Papaitonga (West_8)	Lake Papaitonga	Lake Papaitonga catchment	LS
Waikawa (West_9)	Waikawa	Waikawa Stream – source to mouth (S25:908-548) <u>Excluding the Waikawa Stream from the CMA (S25:915-554) to the mouth</u>	HM
Lake Horowhenua (Hoki_1)	Lake Horowhenua (Hoki_1a)	Whole lake catchment above Hoki Stream outlet	LM
	Hoki (Hoki_1b)	Hoki Stream downstream of Lake Horowhenua outlet <u>Excluding the Hoki Stream from the CMA (S25:949-657) to the mouth</u>	LS



Natural State Value



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

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

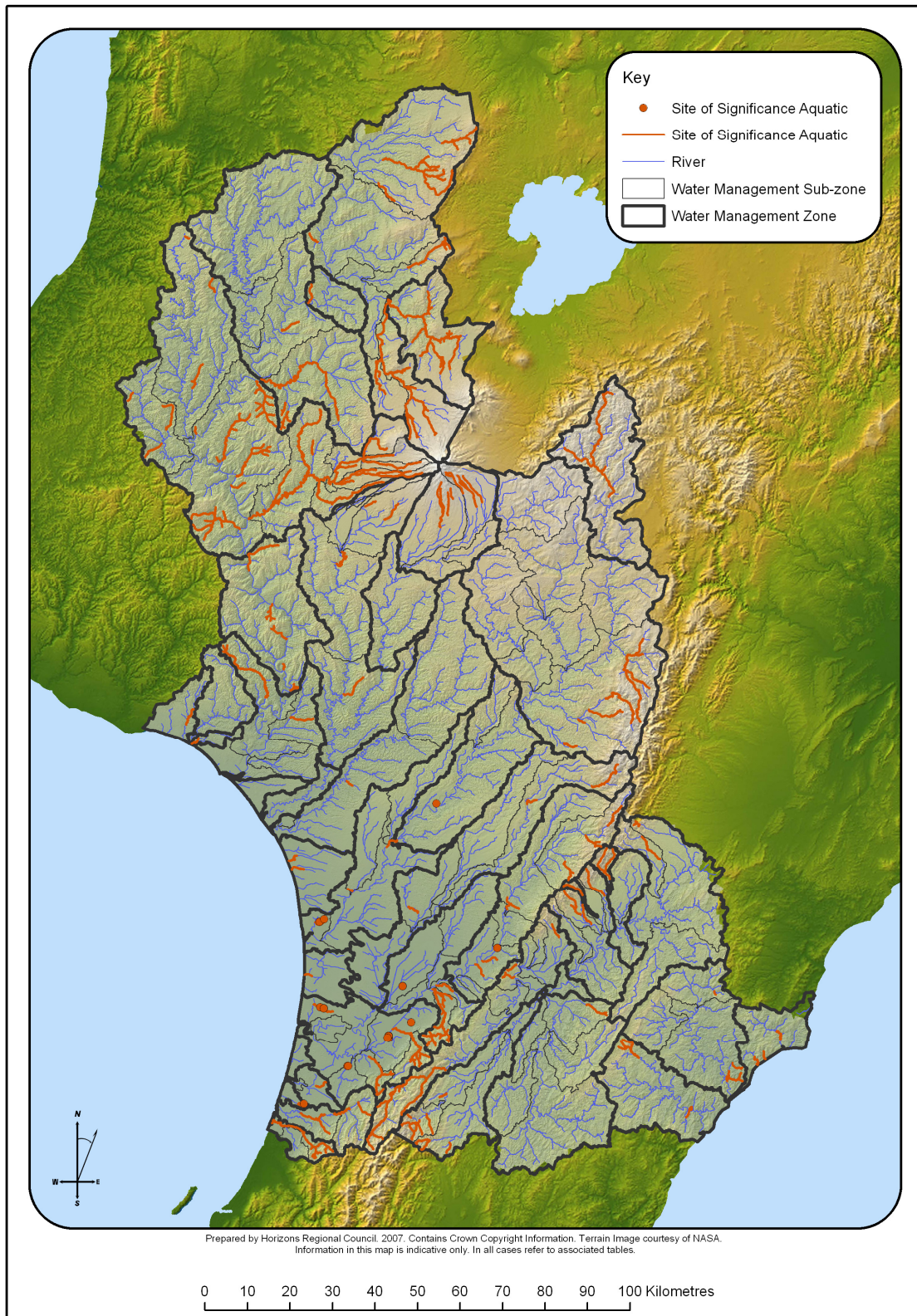
Table D.3: Waterbodies within public conservation land excluded from the Natural State Value

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

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



Site of Significance for Aquatic Biodiversity (SoS-A) Value



Map D: 11 Ba: 12 Visual guide to the distribution of the Aquatic Sites of Significance Aquatic (SoS-A) Value in water bodies across the Manawatu-Wanganui Region.

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

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

Table Ba.12: Sites of Significance for Aquatic Biodiversity (SoS-A) in the Region				
Management Zone	Sub-zone	Site	Species	Map Ref Locality Description
		Makakahi River Tributary	Sshortjaw Kkokopu	From the confluence with the Makakahi River from approx NZMS 260 S25:286-514 to source
		Makakahi River	Sshortjaw Kkokopu	From the confluence with a tributary at approx NZMS 260 S25:286-514 to source
Upper Gorge	Upper Gorge (Mana 9a)	Manawatu River Tributary	Rredfin Bbully	From the confluence with the Manawatu River at approx NZMS 260 T24:486-899 to source
		Manawatu River Tributary	Rredfin Bbully	From the confluence with the Manawatu River at approx NZMS 260 T24:490-928 to source
	Mangaatua (Mana 9c)	Mangaatua Stream	Sshortjaw Kkokopu	From approx NZMS 260 T24:590-992 To approx NZMS 260 T23:574-023
	Lower Mangahao (Mana 9e)	Mangahao Tributary	Ddwarf galaxid-Galaxias	From the confluence with the Mangahao River at approx NZMS260 S25:150-532 to source
		Mangahao River	Ddwarf galaxid-Galaxias and Sshortjaw Kkokopu	From approx NZMS 260 T25:324-679 To source
		Roaring Creek	Ddwarf galaxid-Galaxias	From the confluence with the Mangahao River at approx NZMS 260 S25:190-606 to source
		Ngapuketuru Stream	Bbanded kokopu and Sshortjaw kokopu	From the confluence with the Mangahao River at approx NZMS 260 S25:278-660 to source
Middle Manawatu	Middle Manawatu (Mana 10a)	Manawatu River Tributary	Hamprey	From the confluence with the Manawatu River at approx NZMS 260 T24:410-937 to T24:444-940
		Manawatu River Tributary	Hamprey	From the confluence with the Manawatu River at approx NZMS 260 T24:392-929 to T24:413-902
	Upper Pohangina (Mana 10b)	Pohangina Tributary	Kkoaro	From the confluence with the Pohangina River at approx NZMS 260 T23:652-233 to source
		Pohangina River	Whio	From NZMS 260 U23:705-256 to approx NZMS 260 U23:708-303
		Makawakawa Stream Tributary	Kkoaro	From approx NZMS 260 T23:606-173 to source
	Middle Pohangina (Mana 10c)	Pohangina River	Kkoaro	From approx NZMS 260 T23:468-058 to NZMS 260 T23:469-086
		Waitokanui Stream	Rredfin Bbully	From the confluence with the Pohangina River at approx NZMS 260 T23:474-069 to source
	Lower Pohangina (Mana 10d)	Ashurst Domain	Bbrown Mmudfish	At approx NZMS 260 T24:446-967 to NZMS 260 T24:444-940
Lower Manawatu	Turitea (Mana 11b)	Turitea Stream	Hamprey	From the confluence with the Manawatu River at approx NZMS 260 T24:302-880 to approx NZMS 260 T24:341-866
	Kahuterawa (Mana 11c)	Kahuterawa Stream and Tributaries	Bbanded Kkokopu, Sshortjaw Kkokopu and Rredfin Bbully	From the confluence with the Manawatu River at approx NZMS 260 S24:293-870 to source

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

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

Management Zone	Sub-zone	Site	Species	Map Ref Locality Description
		Waiokotore Stream	Whio	From the confluence with the Mangatera River at approx NZMS 260 U21:770-659 to U21: 789-697
		Maropea River	Whio	From the confluence with the Mangatera River at approx NZMS 260 U21:749-655 to U22:803-580
		Kawhatau River	Whio	From the confluence with Hikurangi Stream at approx NZMS 260 U22:700-557 to approx U22:760-499
		Waikakamaka River	Whio	From the confluence with the Maropea River at approx NZMS 260 U21:748-622 to approx U22:782-502
		Porangaki River	Dwarf galaxid <i>Galaxias</i> and redfin bully	From the confluence with the Mangakukeke Stream at approx NZMS 260 T22:635-507 to approx T22:651-499
		Hikurangi Stream	Dwarf galaxid <i>Galaxias</i>	From the confluence with the Kawhatau River at approx NZMS 260 T22:661-530 to source
		Mangawharariki River	Shortjaw Kokopu dwarf <i>Galaxias</i>	From approx NZMS 260 T22:602-449 to approx NZMS 260 T22:632-444
Lower Rangitikei and Coastal Rangitikei	Lower Rangitikei and Coastal Rangitikei (Rang 3a and Rang 4a)	Rangitikei River	Redfin Bully	From approx NZMS 260 S23:184-206 to approx S23:210-222
Coastal Rangitikei	Coastal Rangitikei (Rang 4b)	Forest Road Wetland	giant kokopu	From approx NZMS 260 S23:016-028 to approx S23:040-034
	Tutaenui (Rang 4d)	Tutaenui Stream Tributary	Brown Mudfish	From the confluence with the Tutaenui Stream at approx NZMS 260 S23:104-104 to source
	Coastal Rangitikei (Rang 4b)	Forest Road Wetland	Giant Kokopu	From approx NZMS 260 S23:016-028 to approx S23:040-034
Upper Whanganui	Upper Whanganui (Whai 1)	Otamangakau Outlet	whio	From the confluence with the Whanganui River at approx NZMS 260 T19:354-409 to T19:359-411
		Otamarautara Stream and tributaries	whio	From the confluence with the Whanganui River at approx NZMS 260 T19:329-408 to source
		Otongokaku Stream	whio	From the confluence with the Whanganui River at approx NZMS 260 T19:319-405 to 321-398

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

Management Zone	Sub-zone	Site	Species	Map Ref Locality Description
		<u>Waipapaiti Stream</u>	<u>whio</u>	<u>From the confluence with the Whanganui River at approx NZMS 260 T19:309-401 to T19:312-395</u>
		Mangatepopo Stream	W whio	<u>From the confluence with the Whanganui River at approx NZMS 260 S19:289-405 to T19:308-360 T19:312-323</u>
		<u>Okupata Stream</u>	<u>who</u>	<u>From the confluence with the Mangatepopo Stream at approx NZMS 260 S19:288-398 to S19:264-364</u>
		<u>Tawhitikuri Stream</u>	<u>whio</u>	<u>From the confluence with the Mangatepopo Stream at approx NZMS 260 T19:309-361 to T19:311-338</u>
		<u>Waione Stream</u>	<u>whio</u>	<u>From the confluence with the Whanganui River at approx NZMS 260 S19:276-427 to S19:245-396</u>
		<u>Waipari Stream</u>	<u>whio</u>	<u>From the confluence with the Whanganui River at approx NZMS 260 S19:269-456 to S18:282-516</u>
		<u>Waionenui Stream</u>	<u>whio</u>	<u>From the confluence with the Waipari Stream at approx NZMS 260 S19:289-476 to S19292-478</u>
		<u>Waione Stream</u>	<u>whio</u>	<u>From the confluence with the Waipari Stream at approx NZMS 260 S19:282-465 to S19:286-462</u>
Upper Whanganui and Cherry Grove	Upper Whanganui and Cherry Grove (Whai 1 and Whai 2a)	Whanganui River	W whio	<u>From the confluence with the Whakapapa River at approx NZMS 260 S19:188-495 to source T19:334-332</u>
Cherry Grove	Upper and Lower Whakapapa (Whai 2b and Whai 2c)	Whakapapa River and Whakapapiti Stream	W whio	<u>From the confluence with the Whanganui River at approx NZMS 260 S19:188-495 to approx S19:237-224 (SH47 Bridge) source</u>
	<u>Upper Whakapapa (Whai 2b)</u>	<u>Waikare Stream</u>	<u>whio</u>	<u>From the confluence with the Whakapapiti Stream at approx NZMS 260 S19:238-224 to S19:287-216</u>

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

Management Zone	Sub-zone	Site	Species	Map Ref Locality Description
		<u>Mangahuia Stream</u>	<u>whio</u>	<u>From the confluence with the Whakapapa Stream at approx NZMS 260 S19:233-230 to S19:238-166</u>
		<u>Whakapapanui Stream</u>	<u>whio</u>	<u>From the confluence with the Whakapapa River at approx NZMS 260 S19:243-269 to source</u>
		<u>Papamanuka Stream</u>	<u>whio</u>	<u>From the confluence with the Whakapapa River at approx NZMS 260 S19:233-289 to S19:254-287</u>
	<u>Lower Whakapapa (Whai 2c)</u>	<u>Otamawairua Stream</u>	<u>whio</u>	<u>From the confluence with the Whakapapa River at approx NZMS 260 S19:196-324 to S19:240-337</u>
		<u>Piopiotea (Whai 2d)</u>	<u>Piopiotea Stream</u>	<u>whio</u>
	<u>Tepure Stream</u>		<u>whio</u>	<u>From the confluence with the Piopiotea Stream at approx NZMS 260 S19:160-328 to S19:168-316</u>
	<u>Pungapunga (Whai 2e)</u>	<u>Pungapunga River</u>	<u>Wwhio</u>	<u>From approx NZMS 260 S18:291-612 to source</u>
		<u>Pungapunga River</u>	<u>Kkoaro</u>	<u>From approx NZMS 260 S18:234-573 to source</u>
	<u>Upper Ongarue (Whai 2f)</u>	<u>Ongarue River and tributaries</u>	<u>Wwhio</u>	<u>From NZMS 260 T17:314-864 to source</u>
		<u>Mangatukutuku Stream</u>	<u>Wwhio</u>	<u>NZMS 260 S18:166-770 to S18:204-729</u>
		<u>Maramataha River</u>	<u>Wwhio</u>	<u>From NZMS 260 S17:176-825 to source</u>
		<u>Piropiro Stream</u>	<u>Wwhio</u>	<u>From the confluence with the Maramataha River at approx NZMS 260 S17:251-804 to source</u>
		<u>Paupangonui Stream</u>	<u>Wwhio</u>	<u>From the confluence with the Piropiro River at approx NZMS 260 S17:265-819 to source</u>
		<u>Totara Stream</u>	<u>Wwhio</u>	<u>From the confluence with the Maramataha River at approx NZMS 260 S18:271-796 to source</u>
		<u>Unnamed Maramataha River Tributary</u>	<u>Wwhio</u>	<u>From the confluence with the Maramataha River at approx NZMS 260 S18:273-793 to source</u>
	<u>Lower Ongarue (Whai 2g)</u>	<u>Opotiki Stream</u>	<u>Sshortjaw Kkokopu</u>	<u>From approx NZMS 260 S18:022-633 To source</u>
	Te Maire	<u>Te Maire (Whai 3)</u>	<u>Motutara stream</u>	<u>Sshortjaw Kkokopu</u>
Middle Whanganui	<u>Middle Whanganui (Whai 4a)</u>	<u>Whanganui River Tributary</u>	<u>Sshortjaw Kkokopu</u>	<u>From the confluence with the Whanganui River at approx NZMS 260 S19:939-422 to source</u>
	<u>Retaruke (Whai 4d)</u>	<u>Retaruke River</u>	<u>Wwhio</u>	<u>From the confluence with the Whanganui River from approx NZMS 260 R19:890-309 to approx NZMS 260 S19:072-213</u>
		<u>Horomea Stream</u>	<u>Wwhio</u>	<u>From approx NZMS 260 S19:947-252 to source</u>
		<u>Morinui Stream</u>	<u>Wwhio</u>	<u>From approx NZMS 260 S19:954-233 to source</u>

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

Management Zone	Sub-zone	Site	Species	Map Ref Locality Description
Pipiriki	Pipiriki (Whai 5a)	Mangapurua Stream and tributaries	W h hio	From approx NZMS 260 R20:800-117 to source
		Mangatiti Stream and tributaries	W h hio	From approx NZMS 260 R20:832-079 to source
		Kaiwhakauka Stream	W h hio	From approx NZMS 260 R19:878-305 to source
		Puketapu Stream	R r edfin B b ully	From the confluence with the Whanganui River at approx NZMS 260 R20:737-180 to source
		Whanganui River Tributary	R r edfin B b ully	From the confluence with the Whanganui River at approx NZMS 260 R20:793-115 to source
		Puawaw Stream	R r edfin B b ully	From the confluence with the Whanganui River at approx NZMS 260 R20:819-058 to source
		Mangaio Stream and tributaries	W h hio and R r edfin B b ully	From the confluence with the Whanganui River at approx NZMS 260 R20:839-955 to source
	Tangarakau (Whai 5b)	Waitaanga Stream Tributary	R r edfin B b ully	From the confluence with the Waitaanga Stream at approx R18:710-645 to source
		Heao Stream	S s hortjaw K k okopu and K k oaro	From approx NZMS 260 R18:781-513 To source
		Mangarae Stream	B b anded K k okopu	From the confluence with the Mangarae Stream at approx NZMS 260 R19:732-302 to source
		Mangarae Stream Tributary	B b anded K k okopu	From approx NZMS 260 R19:728-288 to source
	Whangamomona (Whai 5c)	Tirohanga Stream	S s hortjaw K k okopu	From the confluence with the Whangamomona River at approx NZMS 260 R20:658-157 to source
		Awahou Stream	S s hortjaw K k okopu	From the confluence with the Marangae Stream at approx NZMS 260 R19:587-277 to source
		Kuri Stream	S s hortjaw K k okopu	From approx NZMS 260 R20:666-190 to source
	Upper Manganui o te Ao	Mangaturuturu River and tributaries	B b anded K k okopu and W h hio	From the confluence with the Manganui o te Ao at approx NZMS 260 S20:056-067 to source
		Mangaturuturu River Tributary	K k oaro	From the confluence with The Mangaturuturu River at approx NZMS 260 S20:161-083 to source
		Manganui o te Ao River Tributary	W h hio	From the confluence with the Manganui o te Ao River at approx NZMS 260 S20:068-099 to source
		Manganui o te Ao River	K k oaro	From approx NZMS 260 S20:067-085 to source
		Makomiko Stream	K k oaro	From the confluence with the Waimarino Stream at approx NZMS 260 S20:153-168 to source
		Makatoto River	K k oaro and W h hio	From the confluence with the Manganui o te Ao River at approx NZMS 260 S20:128-119 to source

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

Management Zone	Sub-zone	Site	Species	Map Ref Locality Description
	Upper and Middle Manganui o te Ao (Whai 5d and Whai 5g)	Manganui o te Ao River	Kkoaro	From approx NZMS 260 S20:067-085 to source
	Upper Middle and Lower Manganui o te Ao (Whai 5d, Whai 5g and Whai 5i)	Manganui o te Ao River	Wwhio	From the confluence with the Whanganui River at approx NZMS 260 R20:861-980 to source
	Makatote (Whai 5e)	Makatote River	Kkoaro and Wwhio	From the confluence with the Manganui o te Ao River at approx NZMS 260 S20:128-119 to source
	Waimarino (Whai 5f)	Waimarino Stream	Whio	From the confluence with the Makatote River at approx NZMS 260 S20:129-120 to the confluence with the Makomiko Stream at approx NZMS 260 S20:128-119
		Makomiko Stream	Kkoaro	From the confluence with the Waimarino Stream at approx NZMS 260 S20:153-168 to source
	Upper Middle Manganui o te Ao (Whai 5g)	Manganui o te Ao River Tributary	Wwhio	From the confluence with the Manganui o te Ao River at approx NZMS 260 S20:068-099 to source
	Mangaturuturu (Whai 5h)	Mangaturuturu River and tributaries	Banded Kokopu and Wwhio	From the confluence with the Manganui o te Ao at approx NZMS 260 S20:056-067 to source
		Mangaturuturu River Tributary	Kkoaro	From the confluence with The Mangaturuturu River at approx NZMS 260 S20:161-083 to source
	Lower Manganui o te Ao (Whai 5e)	Orautoha	Whio	From the confluence with Manganui o te Ao at approx NZMS 260 S20:027-067 to source
		Ruatiti Stream	Wwhio and Sshortjaw Kokopu	From the confluence with Manganui o te Ao at approx NZMS 260 S20:993-080 to source
		Makino Stream Tributary	Sshortjaw Kokopu and Kkoaro	From approx NZMS 260 S20:011-130 to source
		Ohangaia Stream	Rredfin Bullly	From the confluence with the Manganui o te Ao River at approx NZMS 260 S20:919-021 to source
	Orautoha (Whai 5j)	Orautoha	whio	From the confluence with Manganui o te Ao at approx NZMS 260 S20:027-067 to source
Paetawa	Paetawa (Whai 6)	Kaukore Stream	Sshortjaw Kokopu , Rredfin Bullly, Kkoaro	From the confluence with the Whanganui River at approx NZMS 260 R21:859-894 to source
		Whanganui River	Rredfin Bullly	From approx NZMS 260 R21:861-858 to approx NZMS 260 R21:861-892
		Riripo Stream	Rredfin Bullly	From the confluence with the Whanganui River at approx NZMS 260 S21:915-777 to source

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

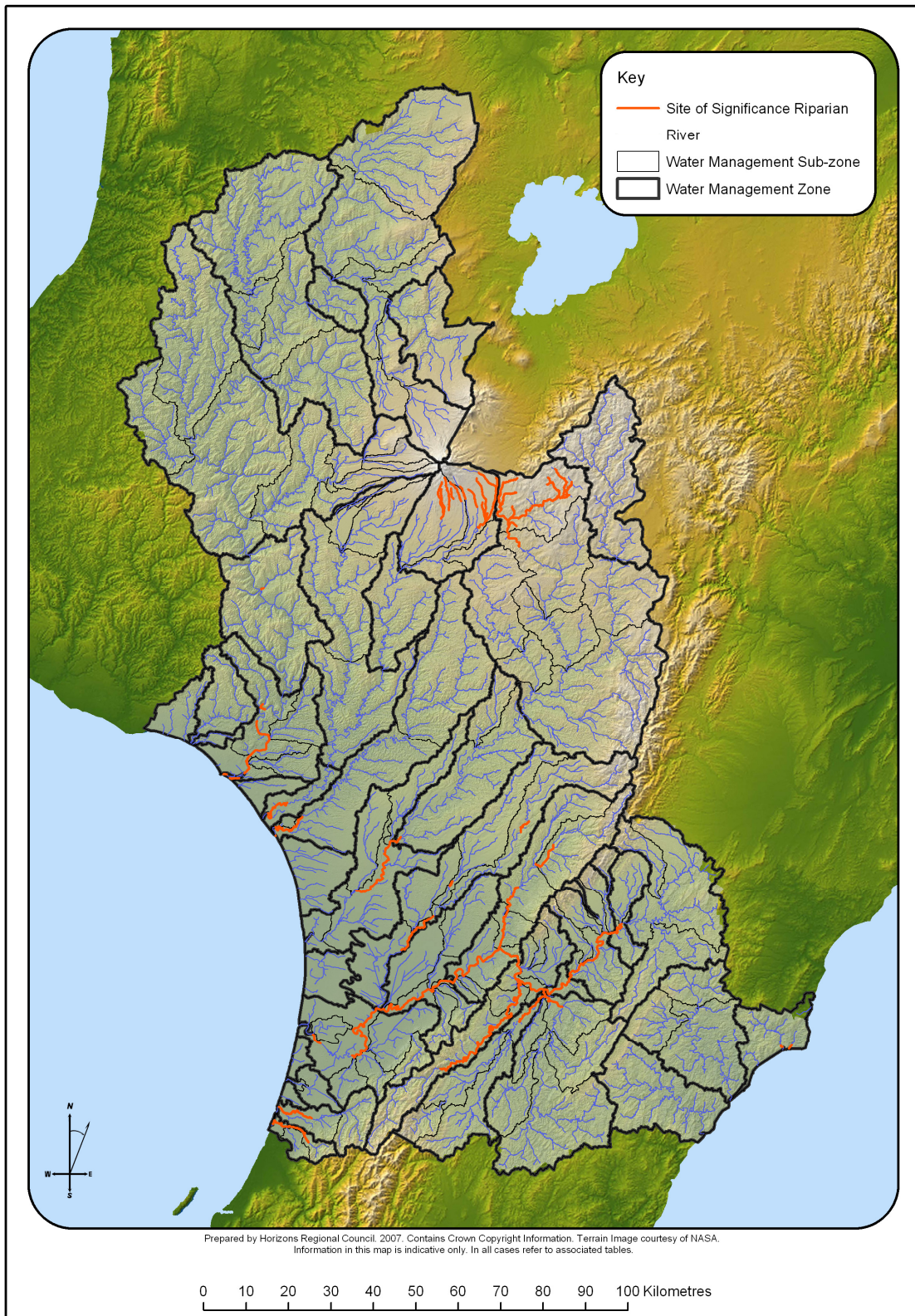
Management Zone	Sub-zone	Site	Species	Map Ref Locality Description
		Otoporiki Stream	Rredfin Bbully	From the confluence with the Whanganui River at approx NZMS 260 S21:950-696 to source
		Taupiri Stream	Rredfin Bbully	From the confluence with the Whanganui River at approx NZMS 260 S21:942-624 to source
		Whauteihi Stream	Bbluegill Bbully	From the confluence with Whanganui river at approx NZMS 260 S22:959-577 to source
Lower Whanganui	Lower Whanganui (Whai 7a)	Kaurapaoa Stream	Rredfin Bbully	From approx NZMS 260 S22:900-558 to source
	Upokongaro (Whai 7c)	Mongotai stream	Llamprey	From the confluence with the Upokongaro Stream at approx NZMS 260 S22:958-511 to source
Upper Whangaehu	Upper Whangaehu (Whau 1a)	Unnamed tributary of the Whangaehu River	Wwhio	From approx NZMS 260 T20:410-019 to source
		Makahikatoa Stream and tributaries	Wwhio	From approx NZMS 260 T20:396-008 to source
		Wahianoa Stream	Wwhio	From approx NZMS 260 T20:365-039 to source
	Tokiahuru (Whau 1c)	Unnamed tributary of the Tokiahuru stream	Wwhio	From approx NZMS 260 T20:341-027 to source
		Unnamed tributary of the Ununuakapuateriki stream	Wwhio	From approx NZMS 260 T20:329-989 to source
		Ununuakapuateriki stream and tributaries	Wwhio	From approx NZMS 260 T20:312-960 to source
Lower Whangaehu	Lower Whangaehu (Whau 3a)	Taukoro Stream	Kkoaro	From the confluence with the Mangawhero River at approx NZMS 260 S22:083-566 to source
	Upper Mangawhero (Whau 3d)	Mangawhero River	Wwhio	From approx NZMS 260 S20:179-978 (Ohakune) to source
		Taonui Stream	Wwhio	From approx NZMS 260 S20:135-009 to S20:160-021
	Lower Mangawhero (Whau 3e)	Mangawhero River	Wwhio	From approx NZMS 260 S21:067-875 to S20:080-903
Turakina	Upper Turakina (Tura 1a)	Turakina River Tributary	Rredfin Bbully	From the confluence with the Turakina River at approx NZMS 260 S22:090-361 to approx S22:104-350
Ohau	Upper Ohau (Ohau 1a)	Waiti Stream	Rredfin Bbully	From the confluence with the Ohau River at approx NZMS 260 S25:118-604 to source
	Upper and Lower Ohau (Ohau 1a and Ohau 1b)	Ohau River	Rredfin Bbully, Bbluegill Bbully and Bbanded Kkokopu	From approx NZMS 260 S25:061-575 to approx NZMS 260 S25:098-588
		Ohau River	Rredfin Bbully	From approx S25:982-578 to approx S25:039-574
	Lower Ohau (Ohau 1b)	Makorokio Stream	Rredfin Bbully, Llamprey and Sshortjaw Kkokopu	From the confluence with the Ohau River at approx NZMS 260 S25:018-563 to source
Owahanga	Owahanga	Owahanga River	Rredfin Bbully	From approx NZMS 260 U25:902-585 to approx NZMS 260 U25:889-568

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

Management Zone	Sub-zone	Site	Species	Map Ref Locality Description
	(Owha 1)	Pongaroa River	Rredfin Bbully and Sshortjaw Kkokopu	From approx NZMS 260 U24:778-708 to source
East Coast	East Coast (East 1)	Waimata River	Rredfin Bbully	From River Mouth ^{mouth} at approx NZMS 260 U25:058-691 to approx NZMS 260 U24:051-710
		Papuka Stream	Rredfin Bbully	From River Mouth ^{mouth} at approx NZMS 260 U24:076-705 to approx NZMS 260 U24:072-723
		Wainui River	Rredfin Bbully	From approx NZMS 260 V24:112-752 to approx NZMS 260 V24:102-771
Akitio	Upper Akitio (Akit 1a)	Akitio River Tributary	Bbanded Kkokopu	From the confluence with the Akitio River at approx NZMS 260 U24:955-866 to source
	Lower Akitio (Akit 1b)	Middle Creek	Rredfin Bbully and Bbanded Kkokopu	From the confluence with the Akitio River at approx NZMS 260 U25:986-654 to source
		Wakawaihine Stream	Rredfin Bbully	From the confluence with the Akitio River at approx NZMS 260 U25:985-657 to approx NZMS 260 U25:990-677
		Wakawaihine Stream Tributary	Rredfin Bbully	From approx NZMS 260 U25:998-696 to source
Northern Coastal	Northern Coastal (West 1)	Okehu Stream	Rredfin Bbully	From approx NZMS 260 R22:713-495 to approx R22:731-531
Mowhanau	Mowhanau (West 3)	Mowhanau Stream	Rredfin Bbully	From the River Mouth Cross-river CMA boundary at approx NZMS 260 R22:726-448 From at approx to approx R22:743-462
Southern Whanganui Lakes	Southern Whanganui Lakes (West 5)	Unnamed Stream Santoft Forest	Bbanded Kkokopu	From River mouth at approx NZMS 260 S23:954-173 to Lake Koiitiata at approx S23:973-185
		Waimahora Stream	Bbanded Kkokopu	From River Mouth at approx NZMS 260 S23:961-153 to approx S23:989-154
Northern Manawatu Lakes	Northern Manawatu Lakes (West 6)	Kaikokopu Stream	Rredfin Bbully	From River Mouth at approx NZMS 260 S24:992-905 to approx S24:009-902
Lake Papaitonga	Lake Papaitonga (West 8)	Lake Papaitonga	Bbrown Mmudfish	Lake Papaitonga Wetland at approx NZMS 260 S25:991-600
		Lake Papaitonga and Tributaries	Bbanded Kkokopu	From the confluence with Lake Papaitonga and Waiwiri stream at approx NZMS 260 S25:977-600 to source
Waikawa	Waikawa (West 9)	Panatawae Stream	Kkoaro	From the confluence with the Waikawa Stream at approx NZMS 260 S25:017-498 to source
		Waikawa Stream	Sshortjaw Kkokopu and Rredfin Bbully	Waikawa Stream Mainstem from Mouth the Cross-river CMA boundary at approx NZMS 260 S25:929-595 to source
Lake Horowhenua	Lake Horowhenua (Hoki 1a)	Patiki Stream	Ggiant Kkokopu	From the confluence with Lake Horowhenua at approx NZMS 260 S25:019-642 to source



Sites of Significance for Riparian Biodiversity (SoS-R) Value



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

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

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

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

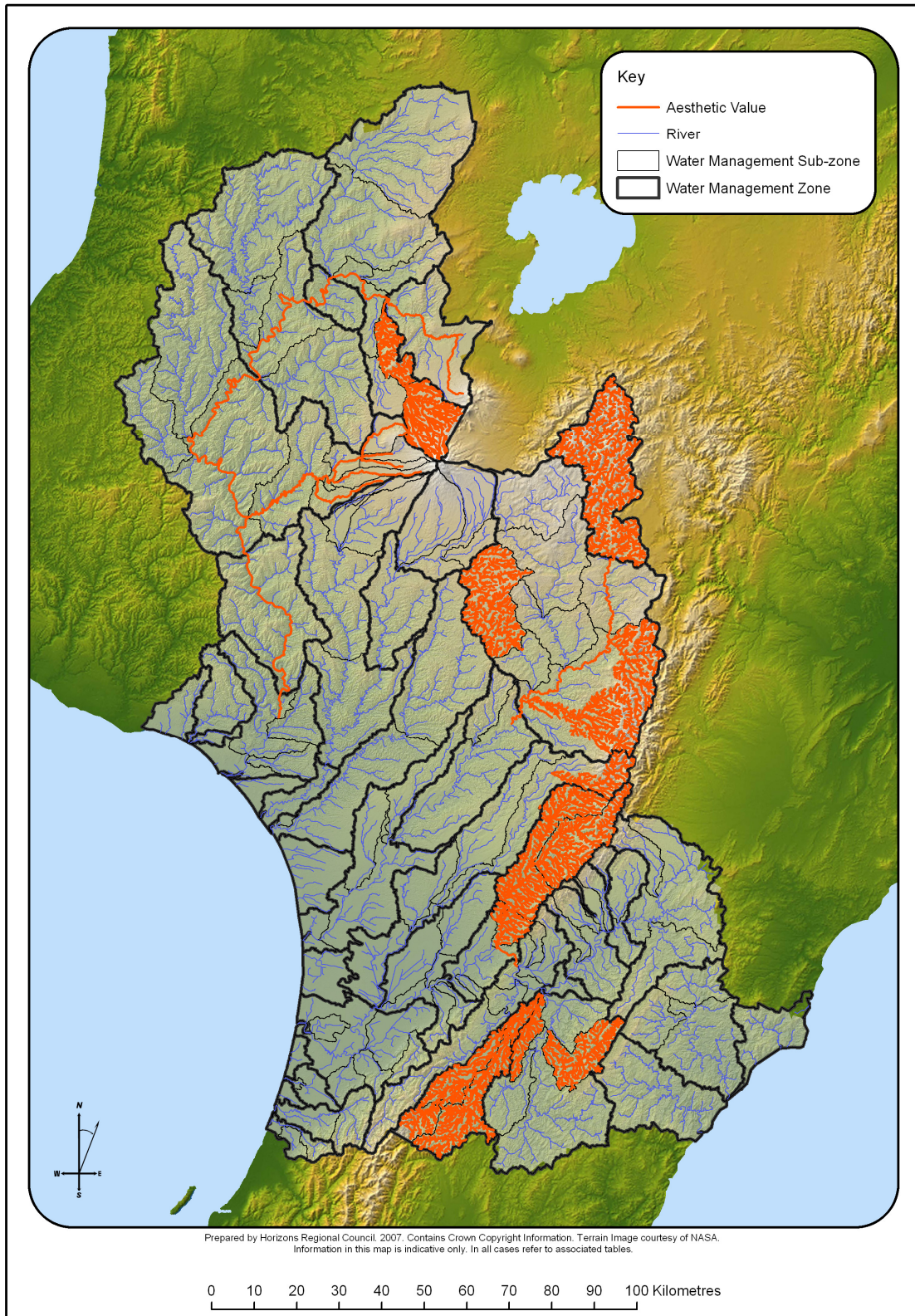
Management Zone	Sub-zone	River	Locality Description	Riparian Habitat Value
	Middle Oroua (Mana 12b)	Oroua River	From approx 200m upstream of SH3 bridge at approx NZMS 260 S23:243-005 to SH54 bridge at approx S23:293-044	Gravel and Sand (Dotterel)
	Lower Oroua (Mana 12c)	Oroua River	From approx 300m upstream of Kopane Bridge at approx NZMS 260 S24:218-965 to approx 200m upstream of SH3 bridge at approx S23:243-005	Gravel and Sand (Dotterel)
	Kiwitea (Mana 12d)	Kiwitea Stream	From approx NZMS 260 T23:332-116 to approx T23:339-127	Gravel and Sand (Dotterel)
Coastal Manawatu	Coastal Manawatu (Mana 13a)	Manawatu River	From the River Mouth Cross-river CMA boundary at approx NZMS 260 S24:977-787 S24:009-766 to approx 100_m downstream of the SH1 bridge at approx 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 S24:164-825	Gravel and Sand (Dotterel)
Middle Rangitikei	Upper Moawhango (Rang 2c)	Moawhango River and tributaries	From approx NZMS 260 T20:468-948 to source	Gravel and Sand (Dotterel)
	Middle Moawhango (Rang 2d)	Moawhango River	From approx NZMS 260 T20:495-916 to approx T20:468-948	Gravel and Sand (Dotterel)
Lower Rangitikei	Lower Rangitikei (Rang 3a)	Rangitikei River	From approx NZMS 260 S23:200-221 to approx S23:217-231	Gravel and Sand (Dotterel)
Coastal Rangitikei	Coastal Rangitikei (Rang 4a)	Rangitikei River	From approx NZMS 260 S23:111-104 to approx S23:200-221	Gravel and Sand (Dotterel)
	Tidal Rangitikei	Rangitikei River and Estuary	From the river mouth at approx NZMS 260 S24:990-983 to approx S23:010-001	Gravel and Sand (Dotterel)
Paetawa	Paetawa (Whai 6)	Mangoihe Stream	From the confluence with the Whanganui River at approx NZMS 260 R21:889-813 to approx 1km upstream of Jerusalem at approx R21:894-818	Nankeen Night Heron roosts
Lower Whanganui	Lower Whanganui	Whanganui River	From the confluence of the Whanganui River and the Kauarapaoa Stream at approx NZMS 260 R22:886-537 to 1km upstream at approx R22:897-532	Nankeen Night Heron roosts
		Kauarapaoa Stream	From the confluence of the Whanganui River and the Kauarapaoa Stream at approx NZMS 260 R22:886-537 to 1km upstream at approx R22:891-544	Nankeen Night Heron roosts
		Whanganui River	From NZMS 260 R22:861-422 to 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 R22:848-380 to SH3 Bridge at approx R22:861-422	Gravel and Sand (Dotterel) Mud/Silt habitat and estuarine roosts (Waders)
Upper Whangaehu	Upper Whangaehu (Whau 1a)	Whangaehu River and tributaries	Upstream from approx NZMS 260 T20:397-960 to source	Gravel and Sand (Dotterel)
		Makahikatoa Stream and tributaries	Upstream from approx NZMS 260 T20:396-008 to source	Gravel and Sand (Dotterel)
		Wahianoa Stream	Upstream from approx NZMS 260 T20:370-024 to source	Gravel and Sand (Dotterel)

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

Management Zone	Sub-zone	River	Locality Description	Riparian Habitat Value
	Tokiahuru (Whau 1c)	Unnamed tributary of the Tokiahuru stream	Upstream from approx NZMS 260 T20:359-022 to source	Gravel and Sand (Dotterel)
		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 Unuunuakapuataeriki stream	Upstream from approx NZMS 260 T20:329-999 to source	Gravel and Sand (Dotterel)
		Te Unuunuakapuataeriki stream and tributaries	Upstream from approx NZMS 260 T20:311-980 to source	Gravel and Sand (Dotterel)
Coastal Whangaehu	Coastal Whangaehu (Whau 4)	Whangaehu River	From the River mouth <u>Cross-river CMA boundary</u> at approx NZMS 260 R23:890-274 <u>S23:903-287</u> to the SH3 Bridge at approx S23: 949-311	Gravel and Sand (Dotterel) Mud/Silt habitat and estuarine roosts (Waders)
Turakina	Lower Turakina (Tura 1b)	Turakina River	From the River Mouth <u>Cross-river CMA boundary</u> at approx NZMS 260 S23:921-234 <u>S23:921-254</u> to the SH3 Bridge at approx S23:985-279	Gravel and Sand (Dotterel) Mud/Silt habitat and estuarine roosts (Waders)
Ohau	Lower Ohau (Ohau 1b)	Ohau River	From the River Mouth <u>Cross-river CMA boundary</u> at approx NZMS 260 S25:922-582 <u>S25:929-595</u> to approx S25:007-569	Gravel and Sand (Dotterel) Mud/Silt habitat and estuarine roosts (Waders)
East Coast	East Coast (East 1)	Wainui River	From <u>the Cross-river CMA boundary</u> at approx NZMS 260 V24:117-727 <u>V24:115-735</u> to approx V24:113-738	Mud/Silt habitat and estuarine roosts (Waders)
		Tuatane Stream	From approx NZMS260 V24:132-730 to approx V24:136-737	Mud/Silt habitat and estuarine roosts (Waders)
Waikawa	Waikawa (West 9)	Waikawa Stream	From <u>the Cross-river CMA boundary</u> at approx NZMS 260 S25:910-551 (river mouth) <u>S25:915-554</u> to S25:000-511	Gravel and Sand (Dotterel) Mud/Silt habitat and estuarine roosts (Waders)



Aesthetic (Ae) Value



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

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

Table Ba.14: Location of the Aesthetic Value in the Region				
Management Zone	Sub-zone	River/Stream Name	Locality Description	Characteristics/Values
Tiraumea	Makuri (<u>Mana 7d</u>)	Makuri River and Tributaries	From the confluence with the Tiraumea River at approx NZMS 260 T24:569-771 to source	<ul style="list-style-type: none"> Recreational 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 Mangamarama (<u>Mana 8a, Mana 8b, Mana 8c and Mana 8d</u>)	Mangatainoka River and Tributaries	From the confluence with the Tiraumea River at approx NZMS 260 T24:558-856 to source	<ul style="list-style-type: none"> Recreational values – particularly as an important trout fishery, and Recognised protection – Local Water Conservation Notice
Upper Gorge, Middle Manawatu	Upper Gorge and Middle Manawatu (<u>Mana 9a and Mana 10a</u>)	Manawatu River	From the confluence with the Pohangina River at approx NZMS 260 T24:449-966 to the Ballance bridge at approx T24:494-926	<ul style="list-style-type: none"> Visual and scenic characteristics Geological feature – provided by being the only river in New Zealand to drain both east and west of the main divide.
Middle Manawatu	Upper, Middle and Lower Pohangina (<u>Mana 10a, Mana 10b and Mana 10c</u>)	Pohangina River and Tributaries	From the confluence with the Manawatu River at approx NZMS 260 T24:449-966 to source	<ul style="list-style-type: none"> Visual and scenic characteristics - particularly the river and valley landscape.
Oroua	Upper Oroua River (<u>Mana 12a</u>)	Oroua River and Tributaries	From the confluence with the Mangaioira Stream at approx NZMS 260 T22:577-379 to source	<ul style="list-style-type: none"> Visual and scenic characteristics - particularly its riparian margins; Recreational values
Upper Rangitikei	Upper Rangitikei (<u>Rang 1</u>)	Rangitikei River and Tributaries	From the confluence with the Makahikatoa Stream at approx NZMS 260 U24:725-888 to source	<ul style="list-style-type: none"> Recreational 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 (<u>Rang 2b</u>)	Whakaurekou River and Tributaries	From the confluence with the Rangitikei River at approx NZMS 260 U21:712-691 to source	
		Kawhatau River and Tributaries	From the confluence with the Rangitikei River at approx NZMS 260 T22:504-551 to source	

Table Ba.14: Location of the Aesthetic Value in the Region

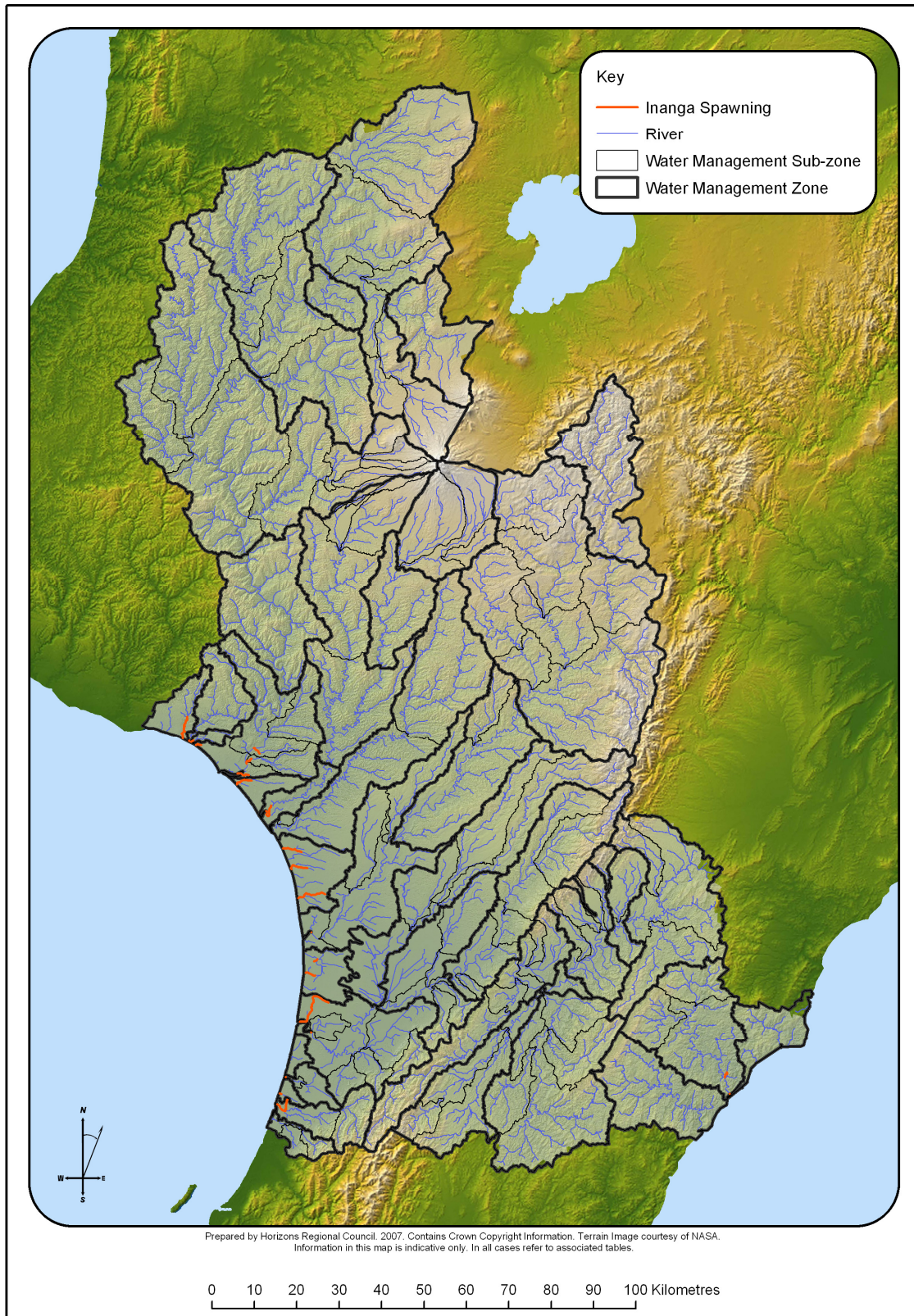
Management Zone	Sub-zone	River/Stream Name	Locality Description	Characteristics/Values
	Upper Hautapu (Rang 2f)	Hautapu River and Tributaries	From the confluence with the Oraukura Stream at approx NZMS 260 T21:510-670 to source	<ul style="list-style-type: none"> Recreational values - particularly as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

Table Ba.14: Location of the Aesthetic Value in the Region

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



Inanga Spawning (IS) Value



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

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

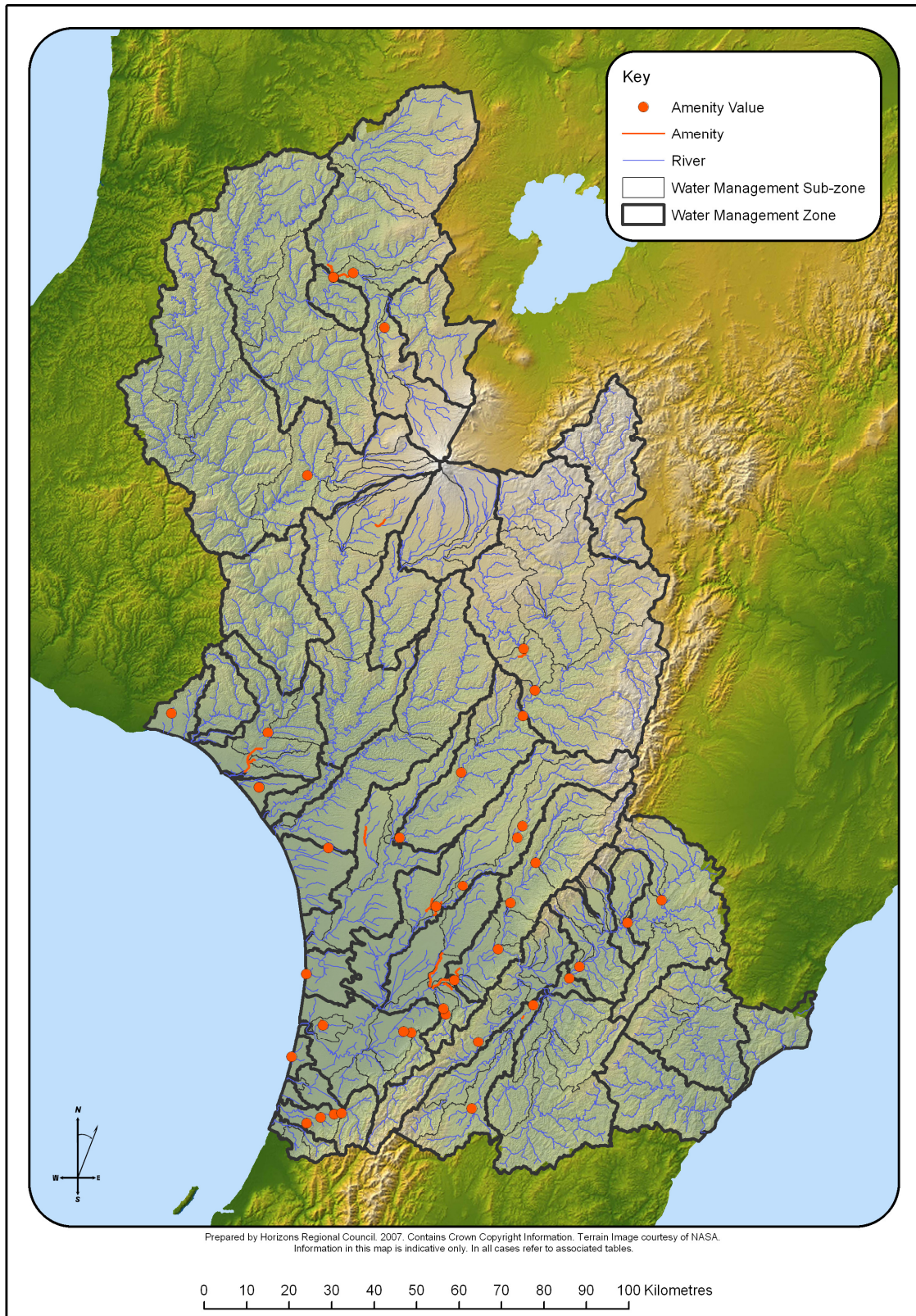
Table Ba.15: Location of the Inanga Spawning Value in the Region			
Management Zone	Sub-zone	River/Stream-Name	Reference-Locality Description
Coastal Manawatu	Coastal Manawatu (Mana 13a)	Manawatu River	From the river mouth <u>Cross-river CMA boundary at approx NZMS 260 S24:009-766</u> to a point 100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

Table Ba.15: Location of the Inanga Spawning Value in the Region

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



Amenity (AM) Value



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

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

Table Ba.16: Location of the Amenity Value in the Region			
Management Zone	Sub-zone	Site	Locality Description
Upper Manawatu	Upper Manawatu (Mana 1a)	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 (Mana 6)	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 (Mana 8c)	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 (Mana 8d)	Makakahi River at Bridge Street Eketahuna	At approx NZMS 260 T25:383-588
Upper Gorge	Upper Mangahao (Mana 9d)	Mangahao River at Marima Domain	At approx NZMS 260 T24:398-745
Middle Manawatu	Middle Manawatu (Mana 10a)	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 (Mana 10c)	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 (Mana 10a and Mana 11a)	Manawatu River	From approx NZMS 260 S24:291-872 to approx T24:353-919
Lower Manawatu	Turitea (Mana 11b)	Turitea Stream	From approx NZMS 260 T24:316-882 to approx NZMS 260 T24:334-869
	Kahuterawa (Mana 11c)	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 (Mana 11e)	Mangaone Stream	From approx NZMS 260 S24:286-877 to approx T24:313-954
Oroua	Upper Oroua (Mana 12a)	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 (Mana 12b)	Oroua River at Timona Park	At approx NZMS 260 S23:299-064
		Oroua River	From approx NZMS 260 S24:293-043 to the confluence with the Kiwitea Stream at approx NZMS 260 T23:308-066
	Kiwitea (Mana 12d)	Kiwitea Stream	From the confluence with the Oroua River at approx NZMS 260 T23:308-066 to approx NZMS 260 T23:311-075
Makino (Mana 12e)	Makino Stream	From approx NZMS 260 S23:276-053 to the intersection with Roots Street at approx NZMS 260 S23:289-082	
Coastal Manawatu	Coastal Manawatu	Foxton Beach	At approx NZMS 260 S24:978-806
	Lower Tokomaru	Tokomaru River at Horseshoe Bend	At approx NZMS 260 S24:241-768

Table Ba.16: Location of the Amenity Value in the Region

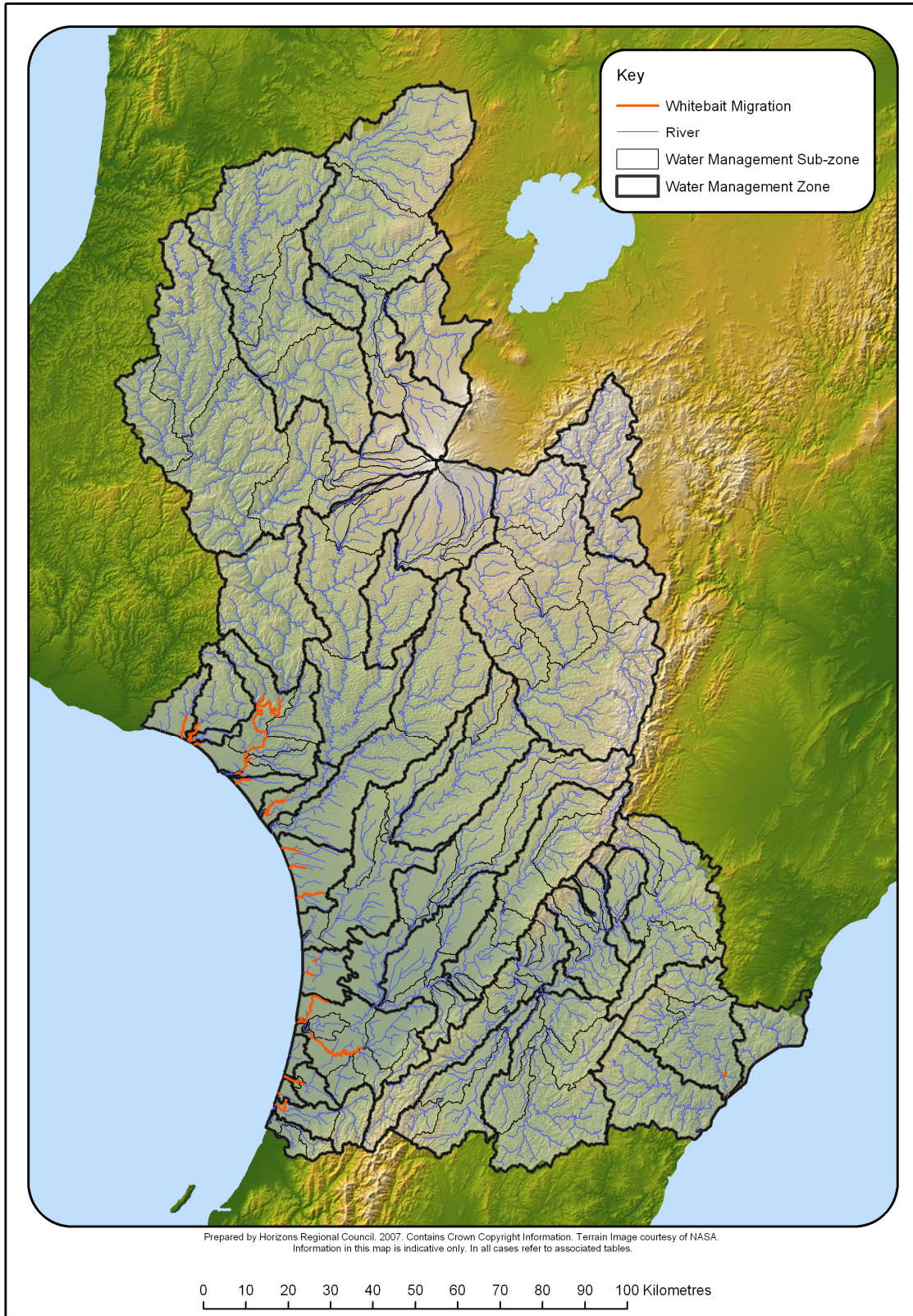
Management Zone	Sub-zone	Site	Locality Description
	(Mana 13d)	Tokomaru River Bank Reserve (SH57)	At approx NZMS 260 S24:222-770
	Foxton Loop (Mana 13f)	Foxton Loop Reserve	From approx NZMS 260 S24:031-783 to approx NZMS 260 S24:027-796
		Foxton Loop Reserve	At approx NZMS 260 S24:033-785
Middle Rangitikei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

Table Ba.16: Location of the Amenity Value in the Region

Management Zone	Sub-zone	Site	Locality Description
Lower Turakina	Lower Turakina	Turakina Beach—Koitiata	At approx NZMS 260 S23:921-234
Ohau	Lower Ohau (Ohau 1b)	Ohau River at Kimberley Reserve	At approx NZMS 260 S25:059-574
		Ohau River at Kirkcaldies Bridge Reserve	At approx NZMS 260 S25:027-567
		Ohau River at Gladstone Reserve	At approx NZMS 260 S25:076-577
		Ohau River at Parikawau Reserve	At approx NZMS 260 S25:994-553
East Coast	East Coast	Herbertville Beach	At approx NZMS 260 V24:103-719
Akitio	Lower Akitio	Akitio River	At approx NZMS 260 U25:991-614
		Akitio Beach	At approx NZMS 260 U25:989-597
Northern Coastal	Northern Coastal (West 1)	Ototoka Stream at William Birch Pool	At approx NZMS 260 R22:676-519
		Ototoka Stream	At approx NZMS 260 R22:666-471
		Ototoka Beach	At approx NZMS 260 R22:667-474
Kai Iwi	Kai Iwi	Kai Iwi Stream	At approx NZMS 260 R22:723-454
		Kai Iwi Beach	At approx NZMS 260 R22:725-448
Mowhanau	Mowhanau	Mowhanau Stream	At approx NZMS 260 R22:726-448
Kaitoke Lakes	Kaitoke Lakes (West 4)	Lake Wiritoa	At approx NZMS 260 R22:882-344
		South Beach	At approx NZMS 260 R22:882-344
Southern Whanganui Lakes	Southern Whanganui Lakes (West 5)	Lake Dudding	At approx NZMS 260 S23:045-203
Northern Manawatu Lakes	Northern Manawatu Lakes (West 6)	Kaikōkōru Stream at Himatangi Beach	At approx NZMS 260 S24:993-905
		Himatangi Beach	At approx NZMS 260 S24:991-905
Waitarere	Waitarere (West 7)	Waitarere Beach	At approx NZMS 260 S24:958-704
		Wairarawa Stream at Waitarere Beach	At approx NZMS 260 S24:959-709
Waikawa	Waikawa	Waikawa Stream @ Hank Edwards Reserve	At approx NZMS 260 S25:915-553
Lake Horowhenua	Hokio	Hokio Stream @ Hokio Beach	At approx NZMS 260 S25:949-657



Whitebait Migration (WM) Value



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

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

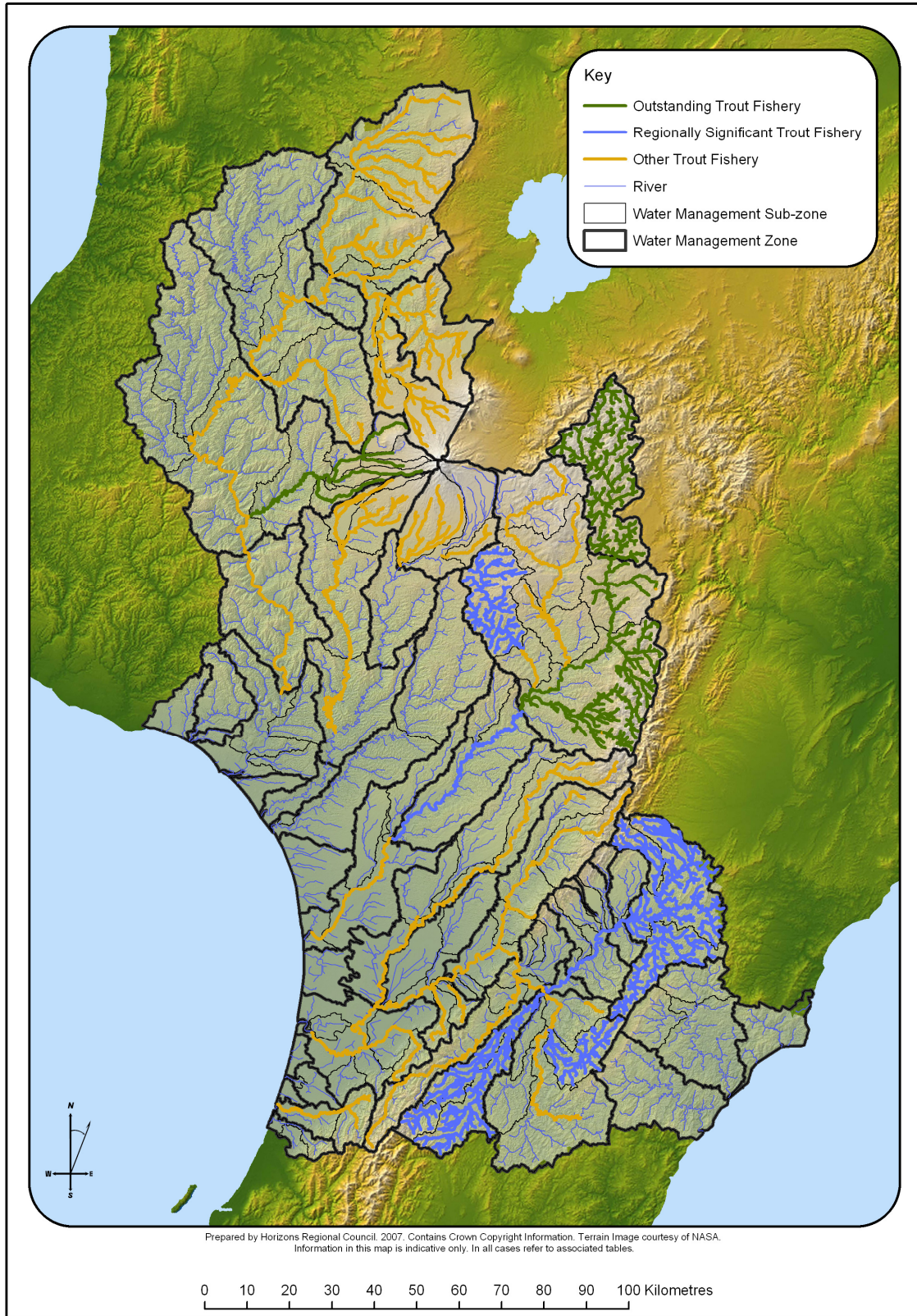
Table Ba.17: Location of the Whitebait Migration value in the Region			
Management Zone	Sub-zone	River/Stream Name	Reference Locality Description
Coastal Manawatu	Coastal Manawatu (<u>Mana 13a</u>)	Manawatu River	From the river mouth Cross-river CMA boundary at approx NZMS 260 S24:009-766 to the Foxton Shannon Road bridge at approx NZMS 260 S24:133-727
		Holben Parade Creek	From the confluence with the Manawatu River at approx NZMS 260 S24:981-789 to the intersection with Seabury Avenue at approx S24:986-800
		Whitebait Creek	From the confluence with the Manawatu River at approx 982-791 to source
Coastal Rangitikei	Tidal Rangitikei (<u>Rang 4b</u>)	Rangitikei River	From the river mouth to a point 100 metres upstream of the Cross-river CMA boundary at approx NZMS 260 S23:009-001 to located at the seaward edge of the boat ramp on the true left bank of the river located at approx NZMS 260 S243:009010-000
Lower Whanganui	Lower Whanganui (<u>Whai 7a</u>)	Kauarapaoa Stream	From the confluence with the Whanganui River at approx NZMS 260 R22:886-537 to the intersection with McNab's Access Road at approx 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 R22:877-433
	Lower/Coastal Whanganui (<u>Whai 7a and Whai 7b</u>)	Whanganui River	From the river mouth Cross-river CMA boundary at approx NZMS 260 R22:848-380 to Parikino at approx NZMS 260 S22:936-551
	Coastal Whanganui (<u>Whai 7b</u>)	Stream opposite Corliss Island	From the confluence with the Whanganui River at approx NZMS 260 R22:835-374 to the intersection with Wikitoria Road at approx R22:849-371
		Omapu Stream	From the stream mouth to a point 1_km upstream at NZMS 260 R22: 750-441
Matarawa (<u>Whai 7d</u>)	Matarawa Stream	From the confluence with the Whanganui River at approx NZMS 260 R22:858-398 to the intersection with Ikitara Road at approx R22:869-409	
Coastal Whangaehu	Coastal Whangaehu (<u>Whau 4</u>)	Whangaehu River	From the river mouth Cross-river CMA boundary at approx NZMS 260 S23:903-287 to the SH3 bridge at approx NZMS 260 S22:950-310
Turakina	Lower Turakina	Turakina River	From the river mouth to a point 100 metres upstream of the CMA boundary located at the continuation of the fence line at approx NZMS 260 S23:918-246

Table Ba.17: Location of the Whitebait Migration value in the Region

Management Zone	Sub-zone	River/Stream Name	Reference Locality Description
Ohau	Lower Ohau (Ohau_1b)	Ohau River	From the river mouth [^] to a point 5km upstream at <u>Cross-river CMA boundary at approx NZMS 260 S25:929-595</u> to a point 5km upstream at <u>approx NZMS 260 948-579</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 S25:954-605
Akitio	Lower Akitio (Akit_1b)	Akitio River	From the river mouth to 100 metres upstream of the [^] to located at the seaward edge of the bridge that crosses the river at approx NZMS 260 U25:996-619 <u>Cross-river CMA boundary at approx NZMS 260 U25:996-618</u>
		Whakawahine 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 U25:989-670
Northern Coastal	Northern Coastal (West_1)	Okehu Stream	From the stream mouth [^] <u>to the intersection with SH3 at approx NZMS 260 R22:717-510</u>
Kai-Iwi	Kai-Iwi (West_2)	Kai-Iwi Stream	From the stream mouth [^] <u>Cross-river CMA boundary at approx NZMS 260 R22:722-450</u> to the intersection with SH3 at approx NZMS 260 R22:749-492
Mowhanau	Mowhanau (West_3)	Mowhanau Stream	From the stream mouth [^] <u>Cross-river CMA boundary to a point 1km upstream at approx NZMS 260 R22:726-448</u> to <u>approx NZMS 260 R22:736-452</u>
Kaitoke Lakes	Kaitoke Lakes (West_4)	Kaitoke Stream	From the S [^] <u>stream mouth</u> to Kaitoke Lake at approx NZMS 260: R22:869-358
Southern Whanganui Lakes	Southern Whanganui Lakes (West_5)	Koitiata Stream	From the stream mouth [^] <u>to a point 5 km upstream at approx NZMS 260 S23:987-191</u>
		Waimahora Stream	From the stream mouth [^] <u>to intersection with Santoft Rd at approx NZMS 260 S23:001-154</u>
		Raumi Range Stream	From the stream mouth [^] <u>at approx NZMS 260:S23:979-081 to S</u> <u>source</u>
Northern Manawatu Lakes	Northern Manawatu Lakes (West_6)	Kaikokopu Stream	From the stream mouth [^] <u>to Lake Kaikokopu at NZMS 260 S24:019-899</u>
		4 Mile Creek	From the stream mouth [^] <u>to a point 100_m upstream at NZMS 260 S24:024-937</u>
Lake Papiaitonga	Lake Papiaitonga (West_8)	Waiwiri Stream	No location defined, assume from the stream mouth [^] <u>to a point 500_m upstream at NZMS 260 S25:939-618</u>
Lake Horowhenua	Hokio (Hoki_1b)	Hokio Stream	From the stream mouth [^] <u>Cross-river CMA boundary at approx NZMS 260 S25:943-657</u> to Lake Horowhenua



Trout Fishery (TF) Value



Map D:16 Ba: 18 Visual guide to the distribution of the Trout Fishery (TF) value in *water bodies*^ across the Manawatu-Wanganui Region.

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

Table Ba.18: Location of the Trout Fishery value in the Region				
Management Zone	Sub-zone	River/Stream Name	Classification	Reference Locality Description
Upper Manawatu, Weber Rd – Tamaki, Tamaki – Hopelands and Hopelands to – Tiraumea	Upper Manawatu, Mangatewainui and Mangatoro, Weber Rd – Tamaki, Tamaki – Hopelands and Hopelands – Tiraumea (<u>Mana 1a, Mana 1b, Mana 1c, Mana 2a, Mana 3, Mana 5a and Mana 6</u>)	Manawatu River	Regionally Significant	From the confluence with the Tiraumea River at approx NZMS 260 T24:553-871 to source including all tributaries from the Weber Road Recorder at approx U23:747-027 to source
Tiraumea	Upper and Lower Tiraumea (<u>Mana 7a and Mana 7b</u>)	Tiraumea River	Other Trout Fishery	From the confluence with the Manawatu River at approx NZMS 260 T24:553-871 to source
	Lower Tiraumea (<u>Mana 7b</u>)	Makairo Stream	Other Trout Fishery	From approx NZMS 260 T24:653-834 to source
	Makuri (<u>Mana 7d</u>)	Makuri River and Tributaries	Regionally Significant	From the confluence with the Tiraumea River at approx NZMS 260 T24:568-771 to source
Mangatainoka	Upper, Middle and Lower Mangatainoka and Makakahi (<u>Mana 8a, Mana 8b, Mana 8c and Mana 8d</u>)	Mangatainoka River and Tributaries Excluding the Mangamarama Creek and Tributaries	Regionally Significant	From the confluence with the Tiraumea River at approx NZMS 260 T24:556-854 to source
Upper Gorge	Upper Gorge (<u>Mana 9a</u>)	Manawatu River	Other Trout Fishery	From approx NZMS 260 T24:495-938 to the confluence with the Tiraumea River at approx T24:553-871
	Upper and Lower Mangahao (<u>Mana 9d and Mana 9d</u>)	Mangahao River	Other Trout Fishery	From the confluence with the Manawatu River at approx NZMS 260 T24:496-892 to source
Middle Manawatu	Middle Manawatu (<u>Mana 10a</u>)	Manawatu River	Other Trout Fishery	From approx NZMS 260 T24:332-890 to approx T24:495-938
	Upper, Middle and Lower Pohangina (<u>Mana 10b, Mana 10c and Mana 10d</u>)	Pohangina River	Other Trout Fishery	From the confluence with the Manawatu River at approx NZMS 260 T24:449-966 to source
	Middle Pohangina (<u>Mana 10c</u>)	Makiekie (Coal) Creek	Other Trout Fishery	From the confluence with the Pohangina River at approx NZMS 260 T23:528-166 to source
Lower Manawatu	Lower Manawatu (<u>Mana 11a</u>)	Manawatu River	Other Trout Fishery	From approx NZMS 260 T24:332-890 to Oroua Confluence at approx S24:164-825

Table Ba.18: Location of the Trout Fishery value in the Region

Management Zone	Sub-zone	River/Stream Name	Classification	Reference Locality Description
	Turitea (Mana 11b)	Turitea Stream	Other Trout Fishery	From approx 800 m D downstream of the Old West Road Bridge at approx NZMS 260 T24:331-875 to approx T24:365-790
	Kahuterawa (Mana 11c)	Kahuterawa stream	Other Trout Fishery	From the confluence with the Manawatu River at approx NZMS 260 S24:293-871 to S source
Oroua	Upper, Middle and Lower Oroua (Mana 12a , Mana 12b and Mana 12c)	Oroua River	Other Trout Fishery	From the confluence with the Manawatu River at approx NZMS 260 S24:164-826 to approx U22:729-400
	Upper Oroua (Mana 12a)	Mangiora Stream	Other Trout Fishery	From the confluence with the Oroua River at approx NZMS 260 T22:577-379 to S source
	Makino (Mana 12d)	Makino Stream	Other Trout Fishery	From the confluence with the Oroua River at approx NZMS 260 S23:243-005 to approx S23:260-037
Coastal Manawatu	Coastal Manawatu (Mana 13a)	Manawatu River	Other Trout Fishery	From 400 metres upstream of the Cross-river CMA B boundary located at the seaward edge of Foxton Loop at approx NZMS 260 S24:040-767 009-765 to the confluence with the Oroua River at approx S24:164-825
	Upper and Lower Tokomaru (Mana 13c and Mana 13d)	Tokomaru River	Other Trout Fishery	From the confluence with the Manawatu River at approx NZMS 260 S24:132-727 to source
Upper Rangitikei	Upper Rangitikei (Rang 1)	Rangitikei River and Tributaries	Outstanding	From the Makahikatoa Stream G confluence at approx NZMS 260 U21:725-887 to S source
Middle Rangitikei	Middle Rangitikei (Rang 2a)	Rangitikei River	Outstanding	From approx NZMS 260 U21:713-707 to the confluence with the Makahikatoa Stream at approx U21:725-887
		Porotaiana Stream	Outstanding	From the confluence with the Rangitikei River at approx NZMS 260 U21:714-878 to S source
		Mangaururoa Stream	Outstanding	From the confluence with the Rangitikei River at approx NZMS 260 U21:710-852 to S source
		Whangaiotiki Stream	Outstanding	From the confluence with the Rangitikei River at approx NZMS 260 U21:700-819 to S source
		Mangaohane Stream	Outstanding	From the confluence with the Rangitikei River at approx NZMS 260 U21:707-818 to S source

Table Ba.18: Location of the Trout Fishery value in the Region

Management Zone	Sub-zone	River/Stream Name	Classification	Reference Locality Description
		Makomiko East Stream	Outstanding	From the confluence with the Rangitikei River at approx NZMS 260 U21:709-792 to S source
		Tamatipama Stream	Outstanding	From the confluence with the Makomiko East Stream at approx NZMS 260 U21:681-802 to S source
		Waiakaha Stream	Outstanding	From the confluence with the Rangitikei River at approx NZMS 260 U21:707-785 to S source
		Pokopoko Stream	Outstanding	From the confluence with the Rangitikei River at approx NZMS 260 U21:722-758 to S source
	Pukeokahu – Mangaweka (Rang 2b)	Rangitikei River	Outstanding	From approx NZMS 260 the confluence with the Mangawharariki River <u>at</u> approx NZMS 260 T22:504-519 to approx U21:713-707
		Whakaurekou River and Tributaries	Outstanding	From the confluence with the Rangitikei River at approx NZMS 260 U21:712-690 to S source
		Kawhatau River and Tributaries	Outstanding	From <u>the</u> C confluence with the Rangitikei River at approx T22:504-551 to S source
	Upper, Middle and Lower Moawhango (Rang 2c, Rang 2d and Rang 2e)	Moawhango River	Other Trout Fishery	From the confluence with the Rangitikei River at approx NZMS 260 T21:609-623 to source
	Middle Moawhango (Rang 2d)	Aorangi Stream	Other Trout Fishery	From the confluence with the Moawhango River at approx NZMS 260 T21:595-858 to source
	Lower Moawhango (Rang 2e)	Tikirere Stream	Other Trout Fishery	From the confluence with the Moawhango River at approx T21:559-741 to S source
Upper Hautapu (Rang 2f)	Hautapu River and Tributaries	Regionally Significant	From the confluence with the Oraukura Stream at approx NZMS 260 T21:509-670 to S source	
Lower Hautapu (Rang 2g)	Hautapu River	Other Trout Fishery	From the confluence with the Rangitikei River at approx NZMS 260 T22:528-573 to the Oraukura Stream C confluence at approx T22:509-670	
Lower Rangitikei	Lower Rangitikei (Rang 3a)	Rangitikei River	Regionally Significant	From NZMS 260 S23:200-221 494 to the confluence with the Mangawharariki River at approx T22:504-519†
Coastal Rangitikei	Coastal/Tidal Rangitikei (Rang 4a and Rang 4b)	Rangitikei River	Other Trout Fishery	From 100 metres upstream of the Cross-river CMA boundary located at the seaward edge of the boat ramp at approx NZMS 260 S24:009-000 to approx NZMS 260 S23:200-221

Table Ba.18: Location of the Trout Fishery value in the Region

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

Table Ba.18: Location of the Trout Fishery value in the Region

Management Zone	Sub-zone	River/Stream Name	Classification	Reference Locality Description
		Herungaweka Stream	Other Trout Fishery	From the confluence with the Taringapupu Stream at approx NZMS 260 S18:229-511 to <u>S</u> source
		Paewaru Stream	Other Trout Fishery	From the confluence with the Taringapupu Stream at approx NZMS 260 S19:216-488 to <u>S</u> source
		Papanui Stream	Other Trout Fishery	From the confluence with the Whanganui River at approx NZMS 260 S19:192-485 to <u>S</u> source
Cherry Grove	Cherry Grove <u>(Whai 2a)</u>	Kakahi Stream	Other Trout Fisher	From the confluence with the Whanganui River at approx NZMS 260 S19:151-497 to source
	Upper Whakapapa <u>(Whai 2b)</u>	Whakapapa River	Other Trout Fishery	From approx NZMS 260 S19:226-295 to the confluence with the Whakapapiti and Whakapapanui Streams at approx NZMS 260 S19:243-268
		Whakapapiti Stream	Other trout Fishery	From the confluence with the Whakapapa River at approx NZMS 260 S19:243-268 to <u>S</u> source
		Whakapapanui Stream	Other Trout Fishery	From the confluence with the Whakapapanui River at approx NZMS 260 S19:243-268 to <u>S</u> source
		Makahikatoa Stream	Other Trout Fishery	From the confluence with the Whakapapanui Stream at approx NZMS 260 S19:273-244 to <u>S</u> source
		Taranaki Stream	Other Trout Fishery	From the confluence with the Makahikatoa Stream at approx NZMS 260 S19:296-235 to <u>S</u> source
		Pukeonaki Stream	Other Trout Fishery	From the confluence with the Whakapapanui Stream at approx NZMS 260 S19:269-255 to <u>S</u> source
		Tawahi Stream	Other Trout Fishery	From the confluence with the Whakapapiti Stream at approx NZMS 260 S19:242-265 to approx S19:242-256
		Papamanuka Stream	Other Trout Fishery	From the confluence with the Whakapapa Stream at NZMS 260 S19:234-288 to NZMS 260 S19:277-281
	Lower Whakapapa <u>(Whai 2c)</u>	Whakapapa River	Other Trout Fishery	From the confluence with the Whanganui River at approx NZMS 260 S19:188-495 to approx NZMS 260 S19:226-295
		Unnamed Tributary of the Whakapapa River	Other Trout Fishery	From the confluence with the Whakapapa River at approx NZMS 260 S19:174-416 to <u>S</u> source
		Otamawairua Stream	Other Trout Fishery	From the confluence with the Whakapapa River at approx NZMS 260 S19:193-324 to <u>S</u> source

Table Ba.18: Location of the Trout Fishery value in the Region

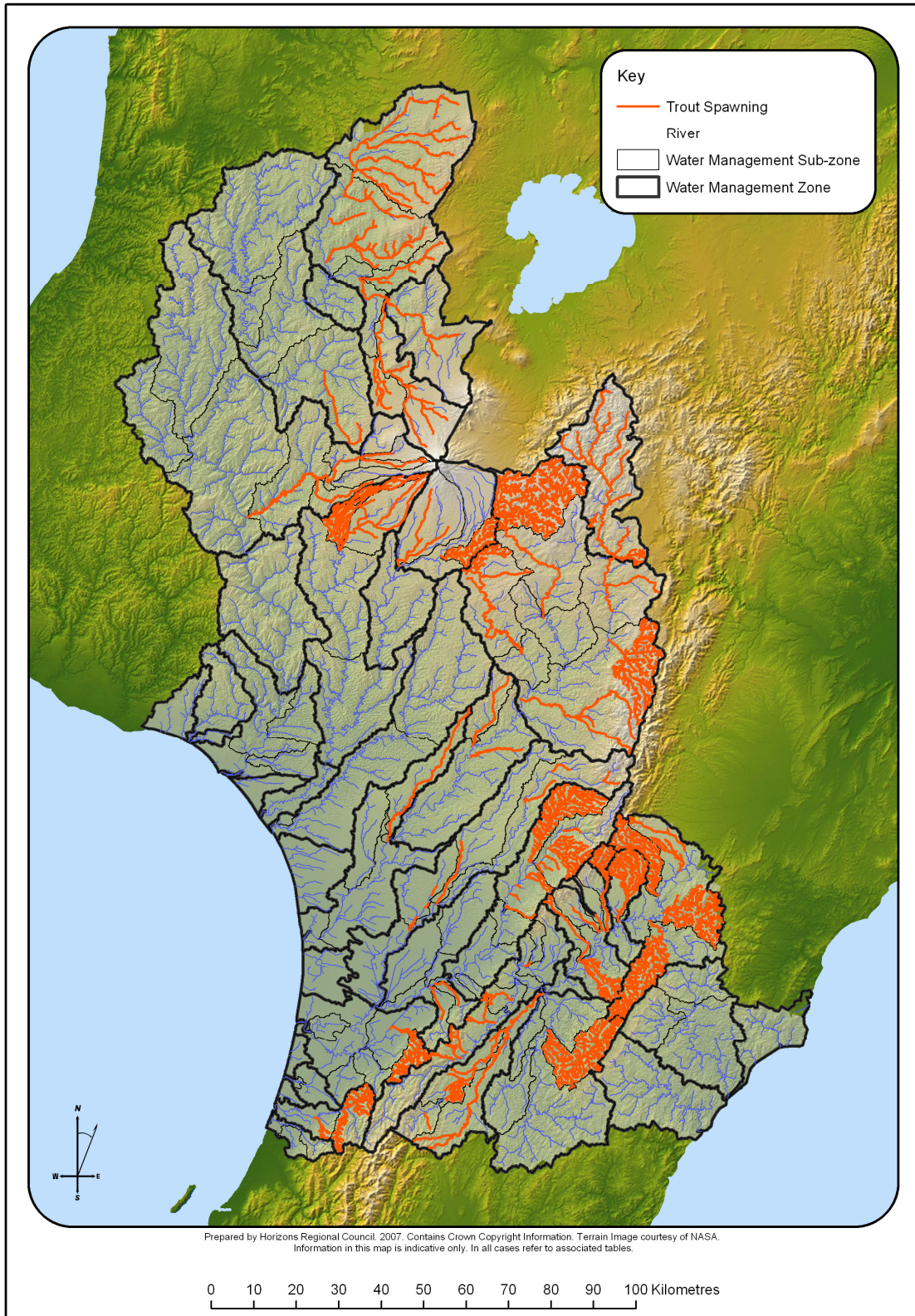
Management Zone	Sub-zone	River/Stream Name	Classification	Reference Locality Description
	Piopiotea Stream (Whai 2d)	Piopiotea Stream and Tributaries	Other Trout Fishery	From the confluence with the Whakapapa River at approx NZMS 260 S19:174-356 to S _{source}
	Pungapunga (Whai 2e)	Pungapunga River	Other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

Table Ba.18: Location of the Trout Fishery value in the Region

Management Zone	Sub-zone	River/Stream Name	Classification	Reference Locality Description
	<u>Mangaturuturu (Whai 5g)</u>	<u>Mangaturuturu River</u>	<u>Outstanding Trout Fishery</u>	<u>From the confluence with the Manganui o te Ao River at approx NZMS 260 S20:056-067 to source</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>Outstanding Trout Fishery</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>Orautoha Stream</u>	<u>Outstanding Trout Fishery</u>	<u>From the confluence with the Manganui o te Ao River at approx NZMS 260 S20:026-067 to Source</u>
	<u>Orautoha (Whai 5j)</u>	<u>Orautoha Stream</u>	<u>Outstanding Trout Fishery</u>	<u>From the confluence with the Manganui o te Ao River at approx NZMS 260 S20:026-067 to source</u>
Pipiriki and Paetawa	<u>Pipiriki and Paetawa (Whai 5a and Whai 6)</u>	<u>Whanganui River</u>	<u>Other Trout Fishery</u>	<u>From approx NZMS 260 S22:937-563 to confluence with the Retaruke at approx R19:889-309</u>
Upper Whangaehu	<u>Waitangi (Whau 2b)</u>	<u>Waitangi Stream</u>	<u>Other Trout Fishery</u>	<u>From the confluence with the Whangaehu River at approx NZMS 260 T21:315-888 to Ssource</u>
	<u>Tokiahuru (Whau 2c)</u>	<u>Tokiahuru Stream and Tributaries</u>	<u>Other Trout Fishery</u>	<u>From the confluence with the Whangaehu River at approx NZMS 260 S21:218-865 to Ssource</u>
Lower Whangaehu	<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>Other Trout Fishery</u>	<u>From the confluence with the Mangawhero River at approx NZMS 260 S20:079-902</u>
	<u>Upper Mangawhero (Whau 3d)</u>	<u>Mangawhero River including the Taonui Stream and all tributaries upstream of the Taonui Stream</u>	<u>Other Trout Fishery</u>	<u>From the confluence with the Makotuku River at approx NZMS 260 S20:079-902</u>
	<u>Upper and Lower Makotuku</u>	<u>Makotuku River and Tributaries</u>	<u>Other Trout Fishery</u>	<u>From the confluence with the Mangawhero River at approx NZMS 260 S20:079-902</u>
	<u>Lower Mangawhero and Lower Whangaehu (Whau 3a and Whau 3e)</u>	<u>Mangawhero River</u>	<u>Other Trout Fishery</u>	<u>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</u>
Ohau	<u>Upper and Lower Ohau (Ohau 1a and Ohau 1b)</u>	<u>Ohau River</u>	<u>Other Trout Fishery</u>	<u>From mouth of the Cross-river CMA boundary at approx NZMS 260 S25:929-595 to Ssource including the Makahika Stream and Tributaries and an unnamed Tributary at approx NZMS 260 S25:974-585</u>



Trout Spawning (TS) Value



Map D:17 Ba: 19 Visual Guide to the distribution of the Trout Spawning (TS) value in *water bodies*[^] across the Manawatu-Wanganui Region

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

Table Ba.19: Location of the Trout Spawning Value in the Region			
Management Zone	Sub-zone	River/Stream Name	Reference Locality Description
Upper Manawatu	Upper Manawatu (<u>Mana_1a</u>)	Manawatu River	From the confluence with the Kahututaeatua Stream at approx NZMS 260 U23:891-194 to source
		Mangarangiora Stream and Tributaries	From the confluence with the Manawatu River at approx NZMS 260 U23:879-145 to source
		Mahuraiti Stream	From the confluence with the Manawatu River at approx NZMS 260 U23:853-235 to the confluence with the Mahurunui Stream (Stoney Creek) at approx U23:850-244
		Mangapuaka Stream and Tributaries	From the confluence with the Manawatu River at approx NZMS 260 U23:841-044 to source
	Mangatewainui (<u>Mana_1b</u>)	Mangatewainui River and Tributaries	From the confluence with the Manawatu River at approx NZMS 260 U23:829-085
	Mangatoro (<u>Mana_1c</u>)	Mangatoro River	From the confluence with the Manawatu River at approx NZMS 260 U23:807-026 to the confluence with the Mangamarie Stream at approx U24:838-991
Mangatoro River and Tributaries		From the confluence with the Mangamarie Stream at approx NZMS 260 U24:838-991 to source	
Weber – Tamaki	Mangatera (<u>Mana_2b</u>)	Mangatera Stream	From the confluence with the Manawatu River at approx NZMS 260 U23:736-025 to approx U23:756-079
		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 U23:732-052
Upper Tamaki	Upper Tamaki (<u>Man_3</u>)	Tamaki River and Tributaries	From approx NZMS 260 U23:706-100 to source.
Tamaki – Hopelands	Tamaki – Hopelands (<u>Mana_5a</u>)	Otawaho 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 U23:708-002 NZMS 260 to approx U23:706-100

Table Ba.19: Location of the Trout Spawning Value in the Region

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

Table Ba.19: Location of the Trout Spawning Value in the Region

Management Zone	Sub-zone	River/Stream Name	Reference Locality Description	
	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	
		Matarua Creek	From the confluence with the Mangahao River at approx NZMS 260 T24:445-788 to source	
		Unnamed Tributary	From the confluence with the Matarua Creek at approx NZMS 260 T24:422-793 to source	
	Lower Mangahao (<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	
		Makewekaweka Stream and Tributaries	From the confluence with the Pohangina River at approx NZMS 260 T23:568-199 to source	
		Te Ekaou Stream	From the confluence with the Pohangina River at approx NZMS 260 T23:562-180 to approx T23:594-150	
		Porewa Stream	From the confluence with the Pohangina River at approx NZMS 260 T23:549-163 to approx T23:579-147	
		Opawe Stream	From the confluence with the Pohangina River at approx NZMS 260 T23:544-161 approx T23:556-144	
	Middle Pohangina	Makiokie (Coal) Creek and Tributaries	From the confluence with the Pohangina River at approx NZMS 260 T23:528-165 to source	
		Ohinotapu Stream and Tributaries	From the confluence with the Pohangina River at approx NZMS 260 T23:517-131 to Source	
		Maranganui Stream	From the confluence with the Pohangina River at approx NZMS 260 T23:492-112 to approx T23:504-107	
		Te Awaoteatua Stream	From the confluence with the Pohangina River at approx NZMS 260 T23:480-090 to approx T23:499-077	
		Makohine Stream	From the confluence with the Pohangina River at approx NZMS 260 T23:469-058 to source	
	<u>Middle Manawatu</u>	Upper Pohangina (<u>Mana 10b</u>)	Pohangina River	From the 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

Table Ba.19: Location of the Trout Spawning Value in the Region

Management Zone	Sub-zone	River/Stream Name	Reference Locality Description
		<u>Makewekaweka Stream and Tributaries</u>	<u>From the confluence with the Pohangina River at approx NZMS 260 T23:568-199 to source</u>
		<u>Te Ekaou Stream</u>	<u>From the confluence with the Pohangina River at approx NZMS 260 T23:562-180 to approx T23:594-150</u>
		<u>Porewa Stream</u>	<u>From the confluence with the Pohangina River at approx NZMS 260 T23:549-163 to approx T23:579-147</u>
		<u>Opawe Stream</u>	<u>From the confluence with the Pohangina River at approx NZMS 260 T23:544-161 approx T23:556-144</u>
	<u>Middle Pohangina (Mana 10c)</u>	<u>Makiekie (Coal) Creek and Tributaries</u>	<u>From the confluence with the Pohangina River at approx NZMS 260 T23:528-165 to source</u>
		<u>Ohinetapu Stream and Tributaries</u>	<u>From the confluence with the Pohangina River at approx NZMS 260 T23:517-131 to source</u>
		<u>Mi Maranganui Stream</u>	<u>From the confluence with the Pohangina River at approx NZMS 260 T23:492-112 to approx T23:504-107</u>
		<u>Te Awaoteatua Stream</u>	<u>From the confluence with the Pohangina River at approx NZMS 260 T23:480-090 to approx T23:499-077</u>
		<u>Makohine Stream</u>	<u>From the confluence with the Pohangina River at approx NZMS 260 T23:469-058 to source</u>
	Lower Manawatu	<u>Turitea (Mana 11b)</u>	Tiritea Stream
<u>Kahuterawa (Mana 11c)</u>		Kahuterawa Stream	From the confluence with the Manawatu River at approx NZMS 260 S24:293-870 to approx T24:317-796
Oroua	<u>Upper Oroua (Mana 12a)</u>	Oroua River	From the confluence with the Tunupo Creek at approx NZMS 260 T22:699-356 to approx U22:715-378
		Tunupo Creek	From the confluence with the Oroua River at approx NZMS 260 T22:699-356 to source
		<u>Mangiora Mangahuia Stream</u>	From the confluence with the Oroua River at approx NZMS 260 T22:577-378 to the confluence with Scandlyn eCreek at approx T22:621-384
		Mangapikopiko Stream	From the confluence with the Oroua River at approx NZMS 260 T22:515-307 to source
	<u>Kiwitea (Mana 12c)</u>	Kiwitea Stream	From the confluence with the Oroua River at approx NZMS 260 T23:308-066 to approx T23:363-215

Table Ba.19: Location of the Trout Spawning Value in the Region

Management Zone	Sub-zone	River/Stream Name	Reference Locality Description
	Makino (<u>Mana 12d</u>)	Makino Stream	From approx NZMS 260 S23:294-088 to approx T23:307-111
			From approx NZMS 260 S23:279-058 to approx S23:286-069
			From confluence with the Oroua River at approx NZMS 260 S23:243-005 to approx S23:259-037
Coastal Manawatu	Upper and Lower Tokomaru (<u>Mana 13c and Mana 13 d</u>)	Tokomaru River and Tributaries	From the confluence with the Linton Drain at approx NZMS 260 S24:196-774 to source
Upper Rangitikei	Upper Rangitikei (<u>Rang 1</u>)	Ecology Stream	From the confluence with the Rangitikei River at approx NZMS 260 T20:691-176 to source
		Otamatenui Stream	From the confluence with the Rangitikei River at approx NZMS 260 T20:672-107 to source
		Makomiko Stream	From the confluence with the Otamatenui Stream at approx NZMS 260 T20:650-120 to source
		Mangamare Mangamaire River	From the confluence with the Rangitikei River at approx NZMS 260 T20:691-090 to source
		Waingakia Stream	From the confluence with the Rangitikei River and approx NZMS 260 U20:715-053 to source
		Otutua Stream	From the confluence with the Rangitikei River at approx NZMS 260 U20:716-014 to source
		Otarere Stream and Tributaries	From the confluence with the Okorotehehe Stream at approx NZMS 260 T20:684-988 to source
		Mangamarahia Stream	From the confluence with the Rangitikei River at approx NZMS 260 U21:723-889 to approx U20:756-954
	Makahikatoa Stream including all Tributaries	From the confluence with the Rangitikei River at approx NZMS 260 U21:725-887 to source	
Middle/ and Upper Rangitikei	Middle/ and Upper Rangitikei (<u>Rang 1 and Rang 2a</u>)	Rangitikei River	From the confluence with the Pokopoko Stream at approx NZMS 260 U24:721-758 to source
Middle Rangitikei	Middle Rangitikei (<u>Rang 2a</u>)	Mangaohane Stream	From the confluence with the Rangitikei River at approx NZMS 260 707-818 to source
	Pukeokahu – Mangaweka (<u>Rang 2b</u>)	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

Table Ba.19: Location of the Trout Spawning Value in the Region

Management Zone	Sub-zone	River/Stream Name	Reference Locality Description
		Kawhatau River	From the confluence with the Rangitikei River at approx NZMS 260 T22:504-551 to source
		Porangakai 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 T22:677-486
	Upper Moawhango (Rang 2c)	Moawhango River and Tributaries	From Approx NZMS 260 T20:468-948 to source
	Middle Moawhango (Rang 2d)	Moawhango River	From the confluence with the Tikirere Stream at approx NZMS 260 T21:559-741 to approx T20:468-948
	Upper Hautapu (Rang 2f)	Waiouru Stream and Tributaries	From the confluence with the Hautapu River at approx NZMS 260 T21:410-838 to source
		Irirangi	From the confluence with the Hautapu River at approx NZMS 260 T21:407-810 to source
Upper and Lower Hautapu (Rang 2f and Rang 2g)	Hautapu River	From the confluence with the Otaihape Stream at approx NZMS 260 T21:506-656 to source	
Lower Rangitikei	Lower Rangitikei (Rang 3a)	Mangamako Stream	From the Confluence with the Rangitikei River at NZMS 260 T22:389-415 to source
	Makohine (Rang 3b)	Makohine Stream	From the Confluence with the Rangitikei River at NZMS 260 T22:390-440 to source
Coastal Rangitikei	Porewa (Rang 4c)	Porewa Stream	From the confluence with the Rangitikei River at approx NZMS 260 S23:191-215 to source
Upper Whanganui	Upper Whanganui (Whai 1)	Whanganui River	From the confluence with the Whakapapa River at approx NZMS 260 S19:188-495 to approx T19:358-411
		Mangatepopo Stream	From the confluence with the Whanganui River at approx NZMS 260 S19:289-405 to approx T19:308-360
Cherry Grove	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 NZMS 260 S19:188-495

Table Ba.19: Location of the Trout Spawning Value in the Region

Management Zone	Sub-zone	River/Stream Name	Reference Locality Description
	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 Whakapapaitei Stream at approx NZMS 260 S19:243-268
	Upper Whakapapa (Whai 2b)	Whakapapanui Stream	From the confluence with the Whakapapa River and the Whakapapaitei Stream at approx NZMS 260 S19:243-268 to source
		Whakapapaitei 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 confluence with the Taranaki Stream 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 S19:258-283
	Lower Whakapapa (Whai 2c)	Otamawairua Stream	From the confluence with the Whakapapa River at approx NZMS 260 S19:195-324 to source
	Piopotea (Whai 2d)	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 S19:198-270
		Unnamed Tributary of the Tepure Stream	From the confluence with the Tepure Stream at approx NZMS 260 S19:181-299 to source

Table Ba.19: Location of the Trout Spawning Value in the Region

Management Zone	Sub-zone	River/Stream Name	Reference Locality Description
	Pungapunga (Whai 2e)	Pungapunga River	From the confluence with the Whanganui River at approx NZMS 260 S18:124-544 to source
		Waituhi Stream	From the confluence with the Pungapunga River at approx NZMS 260 S18:278-592 to approx T18:301-587
		Pungapunga River Tributary	From the confluence with the Pungapunga River at approx NZMS 260 S18:261-580 to source
		Hauwai Stream	From the confluence with the Pungapunga River at approx NZMS 260 S18:239-573 to source
		Whangapuoto Stream	From the confluence with the Pungapunga River at approx NZMS 260 S18:165-542 to source
	Upper Ongarue (Whai 2f)	Unnamed Tributary of the Ongarue River	From the confluence with the Ongarue River at approx NZMS 260 S17:286-880 to source
		Okauaka Stream	From the confluence with the Ongarue River at approx NZMS 260 S17:187-865 to source
		Kahoho Stream	From the confluence with the Waimiha Stream at approx NZMS 260 T17:310-965 to source
		Waimiha Stream	From the confluence with the Ongarue River at approx NZMS 260 S17:132-862 to source
		Matramataha River	From the confluence with the Ongarue River at approx NZMS 260 S17:116-806 to source
		Unnamed Tributary of the Matramataha River	From the confluence with the Matramataha River at approx NZMS 260 S18:273-793 to source
		Piropiro Stream	From the confluence with the Matramataha River at approx NZMS 260 S17:251-804 to source
		Te Rerengaohoro Stream	From the confluence with the Matramataha River at approx NZMS 260 S18:238-807 to approx S18:239-802
		Waione Stream	From the confluence with the Ongarue River at approx NZMS 260 S18:118-799 to source

Table Ba.19: Location of the Trout Spawning Value in the Region

Management Zone	Sub-zone	River/Stream Name	Reference Locality Description
		Mangatukutuku Stream	From the confluence with the Waione Stream at approx NZMS 260 S18:127-796 to source
		Waikoura Stream	From the confluence with the Mangatukutuku Stream at approx NZMS 260 S18:174-761 to source
	Upper and Lower Ongarue (Whai 2f and Whai 2g)	Ongarue River	From the confluence with the Mangakahu Stream at approx NZMS 260 S18:087-736 to source
	Lower Ongarue (Whai 2g)	Mangakahu Stream	From the confluence with the Ongarue River at approx NZMS 260 S18:087-736 to source
		Otataka Stream	From the confluence with the Mangakahu Stream at approx NZMS 260 S18:182-701 to source
		Unnamed Tributary	From the confluence with the Mangakahu Stream at approx NZMS 260 S18143:729 to source
		Kakimotu Stream	From the confluence with the Mangakahu Stream at approx NZMS 260 S18:140-729 to source
		Uepango Stream	From the confluence with the Ongarue River at approx NZMS 260 S18:053-683 to source
		Taringamotu River	From the confluence with the Ongarue River at approx NZMS 260 S18:047-582 to source
		Unnamed Tributary of the Taringamotu River	From the confluence with the Taringamotu River at approx NZMS 260 S18:243-631 to source
		Unnamed Tributary of the Taringamotu River	From the confluence with the Taringamotu River at approx NZMS 260 S18:229-618 to source
		Tutaeti Stream	From the confluence with the Taringamotu River at approx NZMS 260 S18:205-598 to source
		Maraetohu Stream	From the confluence with the Taringamotu River at approx NZMS 260 S18:190-593 to source
		Unnamed Tributary of the Taringamotu River	From the confluence with the Taringamotu River at approx NZMS 260 S18:154-611 to source

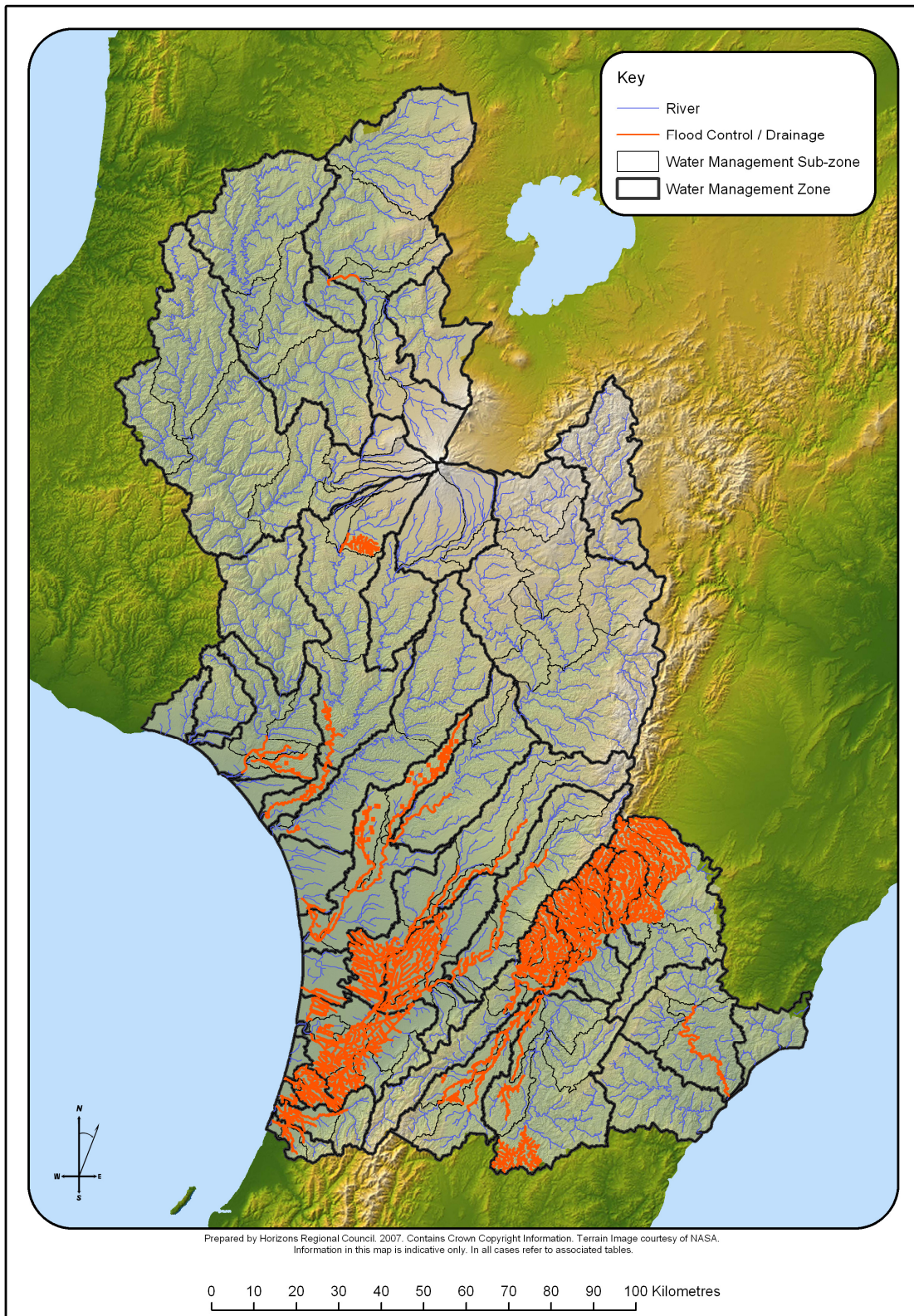
Table Ba.19: Location of the Trout Spawning Value in the Region

Management Zone	Sub-zone	River/Stream Name	Reference Locality Description
		Wharariki Stream	From the confluence with the Taringamotu River at approx NZMS 260 S18:143-613 to source
		Upokomatu Stream	From the confluence with the Taringamotu River at approx NZMS 260 S18:110-626 to source
		Te Tomo Stream	From the confluence of the Upokomatu Stream at approx NZMS 260 S18:157-664 to source
		Piawa Stream	From the confluence of the Upokomatu Stream at approx NZMS 260 S18:115-635 to source
		Ngakonui Stream	From the confluence with the Taringamotu River at approx NZMS 260 S18:101-622 to source
Middle Whanganui	Retaruke (Whai 4d)	Retaruke River	From the confluence with the Kaitieke Stream at approx NZMS 260 S19:041-326 to source
Pipiriki	Upper, Middle and Lower Manganui O Te Ao (Whai 5d, Whai 5g and Whai 5i)	Manganui O Te Ao River	From the confluence with the Whanganui River at approx NZMS 260 R20:860-979 to source
	Upper Manganui O Te Ao Makatote (Whai 5e)	Makatote River	From the confluence with the Manganui O Te Ao River at approx NZMS 260 S20:128-119 to S20:201-129
	Lower Manganui O Te Ao Orautoha (Whai 5e)	Orautoha Stream	From the confluence with the Manganui O Te Ao River at approx NZMS 260 S20:026-067 to approx S20:156-063
Upper Whangaehu	Waitangi (Whai 1b)	Waitangi Stream and Tributaries	From the confluence with the Whangaehu River at approx NZMS 260 T21:315-888 to source
	Tokiahuru (Whai 1c)	Omarae Stream	From confluence with the Waitaiki Stream at approx NZMS 260 S20:265-921 to source
		Waitaiki Stream	From confluence with the Tokiahuru Stream at approx NZMS 260 S21:235-880 to approx S20:273-929

Table Ba.19: Location of the Trout Spawning Value in the Region

Management Zone	Sub-zone	River/Stream Name	Reference Locality Description
		Tokiahuru Stream	From the confluence with the Whangaehu River at approx NZMS 260 S21:218-865 to approx T20:334-956
Lower Whangaehu	<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>	From the confluence with the Mangawhero River at approx NZMS 260 S20:079-902 to source
	Upper Mangawhero (<u>Whau 3d</u>)	Mangawhero River	From the confluence with the Makotuku River at approx NZMS 260 S20:079-902 to source
		Mangateitei Stream	From the confluence with the Mangawhero River at approx NZMS 260 S20:158-961 to source
		Taonui Stream	From the confluence with the Mangawhero River at approx NZMS 260 S20:121-956 to approx S20:159-020
		Makaranui Stream	From the confluence with the Mangawhero River at approx NZMS 260 S20:116-953 to approx S20:165-932
Ohau River	Upper Ohau (<u>Ohau 1a</u>)	Makahika Stream and Tributaries	From the confluence with the Ohau River at approx NZMS 260 S25:090-585 to source
		Makaretu Stream and Tributaries	From the confluence with the Ohau River at approx NZMS 260 S25:083-579 to source
	Lower Ohau (<u>Ohau 1b</u>)	Makorokio Stream and Tributaries	From the confluence with Ohau River at approx NZMS 260 S25:018-563 to source

Flood Control and Drainage Values (FC/D)



Map Ba: 20 Visual Guide to the distribution of the Flood Control and Drainage (FC/D) values in *water bodies*^ across the Region

Table Ba.20: Location of the Flood Control and Drainage values in the Manawatu-Wanganui Region

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

Table Ba.20: Location of the Flood Control and Drainage values in the Manawatu-Wanganui Region

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

Table Ba.20: Location of the Flood Control and Drainage values in the Manawatu-Wanganui Region

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

Table Ba.20: Location of the Flood Control and Drainage values in the Manawatu-Wanganui Region

Management Zone	Sub-zone	River	Locality Description	Flood Control and/or Drainage Scheme	
		<u>Mangaraupiu Stream Tributary Drain and network</u>	<u>From confluence with Mangapraupiu Stream at approx. NZMS 260 T25:325-660 to source</u>	<u>Mangatainoka</u>	
		<u>Mangaraupiu Stream Tributary</u>	<u>From approx. NZMS 260 T25:329-666 to approx. NZMS T25:352-667</u>	<u>Mangatainoka</u>	
		<u>Mangaraupiu Stream Tributary</u>	<u>From approx. NZMS 260 T25:321-662 to approx. NZMS T25:319-661</u>	<u>Mangatainoka</u>	
	<u>Lower Mangatainoka (Mana 8c)</u>	<u>Mangatainoka River Tributary</u>	<u>From approx. NZMS 260 T24:541-840 to source</u>	<u>Mangatainoka</u>	
	<u>Makakahi (Mana 8d)</u>	<u>Makakahi River</u>	<u>From confluence with Mangatainoka River at approx. NZMS 260 T24:475-775 to approx. NZMS 260 T25:382-582</u>	<u>Mangatainoka</u>	
		<u>Makakahi River Tributary</u>	<u>From approx. NZMS 260 T25:370-600 to source</u>	<u>Mangatainoka</u>	
		<u>Makakahi River Tributary</u>	<u>From confluence with Makakahi River at approx. NZMS 260 T25:418-670 to approx. NZMS 260 T25:400-653</u>	<u>Mangatainoka</u>	
		<u>Makakahi River Tributary</u>	<u>From confluence with Makakahi River at approx. NZMS 260 T25:419-674 to approx. NZMS 260 T25:400-669</u>	<u>Mangatainoka</u>	
	Upper Gorge	<u>Mangaatua (Mana 9c)</u>	<u>Owens Road Drain</u>	<u>From approx. NZMS 260 T24:502-923 to approx NZMS 260 T24:500-908</u>	<u>Upper Manawatu</u>
			<u>Woodland Road Drain</u>	<u>From approx. NZMS 260 T24:506-913 to approx NZMS 260 T24:518-904</u>	<u>Upper Manawatu</u>
<u>Upper and Lower Mangahao (Mana 9d and Mana 9e)</u>		<u>Mangahao River</u>	<u>From confluence with Manawatu River at approx. NZMS 260 T24:496-892 to approx NZMS 260 T24:465-815</u>	<u>Upper Manawatu</u>	
<u>Lower Mangahao (Mana 9e)</u>		<u>Soldiers Road Drain network</u>	<u>From confluence with the Mangahao River at approx. NZMS 260 T24:487-835 to source</u>	<u>Upper Manawatu</u>	
		<u>Ruawhata Drain Network (part)</u>	<u>From confluence with the Mangahao River at approx. NZMS 260 T24:494-876 to source</u>	<u>Upper Manawatu</u>	
		<u>Ruawhata Drain Network (part)</u>	<u>From approx. NZMS 260 T24:500-874 to approx. NZMS 260 T24:503-864</u>	<u>Upper Manawatu</u>	
		<u>Ruawhata Drain Network (part)</u>	<u>From approx. NZMS 260 T24:498-875 to approx. NZMS 260 T24:501-870</u>	<u>Upper Manawatu</u>	

Table Ba.20: Location of the Flood Control and Drainage values in the Manawatu-Wanganui Region

Management Zone	Sub-zone	River	Locality Description	Flood Control and/or Drainage Scheme
Middle Manawatu	<u>Middle Manawatu (Mana_10a)</u>	<u>Ashhurst Stream / Raukawa Road Drain</u>	<u>From confluence with Manawatu River at approx. NZMS 260 T24:404-948 to approx. NZMS 260 T23:446-013</u>	<u>Ashhurst Lower Manawatu</u>
		<u>Stoney Creek including Eagles and Whakarongo Drains</u>	<u>From confluence with Manawatu River at approx. NZMS 260 T24:372-910 to approx. NZMS 260 T24:376-943 (Eagles) and to approx. NZMS 260 T24:376-931 (Whakarongo)</u>	<u>Lower Manawatu</u>
		<u>Goodman Badger Drain</u>	<u>From confluence with Manawatu River at approx. NZMS 260 T24:384-927 to source</u>	<u>Lower Manawatu</u>
	<u>Upper, Middle and Lower Pohangina (Mana_10b, Mana_10c and Mana_10d)</u>	<u>Pohangina River</u>	<u>From confluence with Manawatu River at approx. NZMS 260 T24:449-966 to approx. NZMS 260 T23:569-200</u>	<u>Pohangina Oroua</u>
	<u>Middle Pohangina (Mana_10c)</u>	<u>Pratt Drain (drain H)</u>	<u>From approx. NZMS 260 T23:468-078 to approx. NZMS 260 T23:464-078</u>	<u>Pohangina Oroua</u>
		<u>Leamy Drain (drain J)</u>	<u>From approx. NZMS 260 T23:470-083 to approx. NZMS 260 T23:470-089</u>	<u>Pohangina Oroua</u>
	<u>Middle Pohangina (Mana_10c)</u>	<u>Fairless Drain (drain K)</u>	<u>From approx. NZMS 260 T23:477-090 to approx. NZMS 260 T23:479-101</u>	<u>Pohangina Oroua</u>
		<u>Carroll Drain (drain L)</u>	<u>From approx. NZMS 260 T23:486-103 to approx. NZMS 260 T23:496-107</u>	<u>Pohangina Oroua</u>
		<u>Caldwell Drain (drain M)</u>	<u>From approx. NZMS 260 T23:504-120 to approx. NZMS 260 T23:509-121</u>	<u>Pohangina Oroua</u>
		<u>Caldwell Drain (drain M)</u>	<u>From approx. NZMS 260 T23:504-120 to approx. NZMS 260 T23:509-121</u>	<u>Pohangina Oroua</u>
	<u>Lower Pohangina (Mana_10d)</u>	<u>Kirk Drain (drains A and B)</u>	<u>From approx. NZMS 260 T24:449-973 to source</u>	<u>Pohangina Oroua</u>
		<u>Hepburn Drain (drain C)</u>	<u>From approx. NZMS 260 T24:453-985 to source</u>	<u>Pohangina Oroua</u>
		<u>Kirk Drain (drain D)</u>	<u>From approx. NZMS 260 T24:455-990 to source</u>	<u>Pohangina Oroua</u>
		<u>Akers Drain (drain E)</u>	<u>From approx. NZMS 260 T24:462-997 to approx. NZMS 260 T24:464-005</u>	<u>Pohangina Oroua</u>
		<u>Jones-Edwards-Mai Drain (drain F)</u>	<u>From approx. NZMS 260 T24:458-040 to source</u>	<u>Pohangina Oroua</u>
		<u>McDonald Drain (drain G)</u>	<u>From approx. NZMS 260 T24:466-062 to source</u>	<u>Pohangina Oroua</u>

Table Ba.20: Location of the Flood Control and Drainage values in the Manawatu-Wanganui Region

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

Table Ba.20: Location of the Flood Control and Drainage values in the Manawatu-Wanganui Region

Management Zone	Sub-zone	River	Locality Description	Flood Control and/or Drainage Scheme
		<u>Mangaone Stream Tributary</u>	<u>From confluence with Mangaone Stream at approx. NZMS 260 T24:325-969 to source</u>	<u>Manawatu</u>
		<u>Mangaone Stream Tributary</u>	<u>From confluence with Mangaone Stream at approx. NZMS 260 T23:317-005 to source</u>	<u>Manawatu</u>
		<u>Darby Creek and Houghton Drain</u>	<u>From confluence with Mangaone Stream at approx. NZMS 260 T24:325-978 to source</u>	<u>Lower Manawatu</u>
	<u>Main Drain (Mana 11f)</u>	<u>Main Drain and connected tributaries including drains</u>	<u>From confluence with Manawatu River at approx. NZMS 260 S24:181-836 to source</u>	<u>Manawatu</u>
Oroua	<u>Upper Oroua (Mana 12a)</u>	<u>Oroua River</u>	<u>Oroua River from approx. NZMS 260 T23:330-070 to approx. NZMS 260 T23:518-270</u>	<u>Pohangina Oroua</u>
		<u>Paorangi Drain</u>	<u>From approx. NZMS 260 T23:375-131 to approx. NZMS 260 T23:359-112</u>	<u>Pohangina Oroua</u>
	<u>Middle and Lower Oroua, Kiwitea (Mana 12b, Mana 12c and Mana 12d)</u>	<u>Oroua River</u>	<u>From confluence with Manawatu River at approx. NZMS 260 S24:165-826 to approx. NZMS 260 T23:308-067</u>	<u>Lower Manawatu</u>
	<u>Lower Oroua (Mana 12c)</u>	<u>Sluggish Creek and connected tributaries including drains</u>	<u>From confluence with Oroua River at approx. NZMS 260 S24:176-843 to source</u>	<u>Te Kawau</u>
		<u>Oroua River Tributary</u>	<u>From approx. NZMS 260 S24:149-846 to source</u>	<u>Te Kawau</u>
		<u>Blackmoor Drain</u>	<u>From approx. NZMS 260 S24:166-829 to source</u>	<u>Lower Manawatu</u>
	<u>Kiwitea (Mana 12d)</u>	<u>Kiwitea Stream</u>	<u>From confluence with Oroua River at approx. NZMS 260 T23:308-067 to NZMS 260 T23:310-073</u>	<u>Lower Manawatu</u>
			<u>From approx. NZMS 260 T23:310-073 to approx. NZMS 260 T23:358-162</u>	<u>Kiwitea</u>
	<u>Makino (Mana 12e)</u>	<u>Makino Stream</u>	<u>From confluence with Oroua River at approx. NZMS 260 S23:243-006 to NZMS 260 S23:289-082</u>	<u>Lower Manawatu</u>
	Coastal Manawatu	<u>Coastal Manawatu (Mana 13a)</u>	<u>Manawatu River Tributary</u>	<u>From Foxton Beach Settlement at approx. NZMS 260 S24:001-797 to source</u>
<u>Tokomaru River Tributary (drain)</u>			<u>From confluence with Tokomaru River at approx. NZMS 260 S24:143-729 to source</u>	<u>Makerua</u>

Table Ba.20: Location of the Flood Control and Drainage values in the Manawatu-Wanganui Region

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

Table Ba.20: Location of the Flood Control and Drainage values in the Manawatu-Wanganui Region

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

Table Ba.20: Location of the Flood Control and Drainage values in the Manawatu-Wanganui Region

Management Zone	Sub-zone	River	Locality Description	Flood Control and/or Drainage Scheme
Lower and Coastal Rangitikei	<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 NZMS 260 T22:341-330</u>	<u>Rangitikei</u>
Coastal Rangitikei	<u>Coastal Rangitikei (Rang 4a)</u>	<u>Rangitikei River Tributary</u>	<u>From confluence with Rangitikei River at approx. NZMS 260 S23:046-006 to source.</u>	<u>Rangitikei</u>
		<u>Bulls Domain Drain and Racecourse Drain</u>	<u>From confluence with Rangitikei River at approx. NZMS 260 S23:130-103 to source</u>	<u>Tutaenui</u>
	<u>Tidal Rangitikei (Rang 4b)</u>	<u>Forest Road Wetland Tributary</u>	<u>From approx. NZMS 260 S23:018-034 to source</u>	<u>Forest Road</u>
		<u>Forest Road Wetland Tributary</u>	<u>From approx. NZMS 260 S23:022-036 to source</u>	<u>Forest Road</u>
		<u>Parewanui Drains and their tributaries</u>	<u>Five drains situated between Forest Road and Parewanui Road, from confluence with Rangitikei River to source.</u>	<u>Rangitikei</u>
	<u>Porewa (Rang 4c)</u>	<u>Porewa Stream</u>	<u>From confluence with Rangitikei River at approx. NZMS 260 S23:191-216 to source</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam 29</u>	<u>100 metres upstream and downstream of approx. NZMS 260 T22:301-371</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam 39</u>	<u>100 metres upstream and downstream of approx. NZMS 260 S22:226-301</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam 42</u>	<u>100 metres upstream and downstream of approx. NZMS 260 S22:240-361</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam 43</u>	<u>100 metres upstream and downstream of approx. NZMS 260 S22:242-364</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam 44</u>	<u>100 metres upstream and downstream of approx. NZMS 260 S22:256-356</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam 45</u>	<u>100 metres upstream and downstream of approx. NZMS 260 S22:249-379</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam 46</u>	<u>100 metres upstream and downstream of approx. NZMS 260 S22:269-374</u>	<u>Porewa</u>
<u>Porewa Scheme Detention Dam 54</u>	<u>100 metres upstream and downstream of approx. NZMS 260 S22:279-363</u>	<u>Porewa</u>		

Table Ba.20: Location of the Flood Control and Drainage values in the Manawatu-Wanganui Region

Management Zone	Sub-zone	River	Locality Description	Flood Control and/or Drainage Scheme
		<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>
		<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 S22:315-415</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>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>

Table Ba.20: Location of the Flood Control and Drainage values in the Manawatu-Wanganui Region

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

Table Ba.20: Location of the Flood Control and Drainage values in the Manawatu-Wanganui Region

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

Table Ba.20: Location of the Flood Control and Drainage values in the Manawatu-Wanganui Region

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

Table Ba.20: Location of the Flood Control and Drainage values in the Manawatu-Wanganui Region

Management Zone	Sub-zone	River	Locality Description	Flood Control and/or Drainage Scheme
Lower Whangaehu	Lower Whangaehu (Whau 3a)	Whangaehu River	From approx. NZMS 260 S22:046-398 to approx. NZMS 260 S22:085-468	Whangaehu
		Mangawhero River	From confluence with the Whangaehu River at approx. NZMS 260 S22:066-471 to approx. NZMS 260 S22:041-550	Whangaehu
	Upper Mangawhero (Whau 3d)	Mangawhero River	From approx. NZMS 260 S20:080-903 to approx. NZMS 260 S20:113-947	Pakahi
		Mangahowhi Stream and detention dams	From confluence with the Mangawhero River at approx. NZMS 260 S20:092-922 to source	Pakahi
Coastal Whangaehu	Coastal Whangaehu (Whau 4)	Whangaehu River	From the Cross-river CMA boundary at approx. NZMS 260 S23:903-287 to approx. NZMS 260 S22:046-398	Whangaehu
		Whangaehu River Tributary	From confluence with Whangaehu River at approx. NZMS 260 S22:988-319 to source	Haunui
	Coastal Whangaehu (Whau 4)	Whangaehu River Tributary	From confluence with Whangaehu River at approx. NZMS 260 S22:006-338 to source	Haunui
		Whangaehu River Tributary	From confluence with Whangaehu River at approx. NZMS 260 S22:009-341 to source	Haunui
Turakina	Lower Turakina (Tura 1)	Makirikiri Stream	From confluence with Turakina River at approx. NZMS 260 S23:955-245 to approx. NZMS 260 S23:983-250	Makirikiri
		Makirikiri Stream Tributary	From confluence with Makirikiri Stream at approx. NZMS 260 S23:975-247 to approx. NZMS 260 S23:981-247	Makirikiri
		Makirikiri Stream Tributary (drain)	From confluence with Makirikiri Stream Tributary at approx. NZMS 260 S23:981-247 to confluence with Makirikiri Stream at approx. NZMS 260 S23:983-250	Makirikiri
Ohau	Upper and Lower Ohau (Ohau 1a and Ohau 1b)	Ohau River	From the Cross-river CMA boundary at approx. NZMS 260 S25:930-595 to approx. NZMS 260 S25:097-586	Ohau Manakau
	Lower Ohau (Ohau 1a)	Kuku Stream	From confluence with Ohau River at approx. NZMS 260 S25:946-580 to source	Ohau Manakau
		Lake Waitaha outlet stream	From confluence with Ohau River at approx. NZMS 260 S25:946-580 to source	Ohau Manakau
		Haines Drain and Tributaries	From confluence with Ohau River at approx. NZMS 260 S25:952-578 to source	Ohau Manakau

Table Ba.20: Location of the Flood Control and Drainage values in the Manawatu-Wanganui Region

Management Zone	Sub-zone	River	Locality Description	Flood Control and/or Drainage Scheme
		<u>Parkin Drain and Tributaries</u>	<u>From confluence with 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 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 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 Ohau River at approx. NZMS 260 S25:974-585 to source</u>	<u>Ohau Manakau</u>
Akitio	<u>Upper and Lower Akitio (Akit 1a and Akit 1b)</u>	<u>Akitio River</u>	<u>From the Cross-river CMA boundary at approx. NZMS 260 U25:996-618 to approx. NZMS 260 U24:918-832</u>	<u>Akitio</u>
	<u>Lower Akitio (Akit 1b)</u>	<u>Wakawahine Stream</u>	<u>From confluence with 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 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 Akitio River at approx. NZMS 260 U25:967-700 to approx. NZMS 260 U24:968-702</u>	<u>Akitio</u>
		<u>Akitio River Tributary</u>	<u>From confluence with Akitio River at approx. NZMS 260 U25:955-705 to approx. NZMS 260 U25:955-702</u>	<u>Akitio</u>
		<u>Akitio River Tributary</u>	<u>From confluence with Akitio River at approx. NZMS 260 U25:950-714 to approx. NZMS 260 U25:951-716</u>	<u>Akitio</u>
		<u>Mangahuia Stream</u>	<u>From confluence with 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 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 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 Akitio River at approx. NZMS 260 U24:913-762 to approx. NZMS 260 U24:914-763</u>	<u>Akitio</u>
		<u>Akitio River Tributary</u>	<u>From confluence with Akitio River at approx. NZMS 260 U24:889-761 to approx. NZMS 260 U24:888-760</u>	<u>Akitio</u>

Table Ba.20: Location of the Flood Control and Drainage values in the Manawatu-Wanganui Region

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

Table Ba.20: Location of the Flood Control and Drainage values in the Manawatu-Wanganui Region

<u>Management Zone</u>	<u>Sub-zone</u>	<u>River</u>	<u>Locality Description</u>	<u>Flood Control and/or Drainage Scheme</u>
		<u>Manakau Stream Tributary including drains</u>	<u>From confluence with 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 Manakau Stream at approx. NZMS 260 S25:950-543 to source</u>	<u>Ohau Manakau</u>
<u>Lake Horowhenua</u>	<u>Lake Horowhenua and Hokio (Hoki_1a and Hoki_1b)</u>	<u>Hokio Stream and tributaries (including drains)</u>	<u>Hokio Stream and tributaries, including tributaries of Lake Horowhenua, from the Cross-river CMA boundary at approx. NZMS 260 S25:949-657 to source</u>	<u>Hokio</u>



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

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

Management Zone	Sub-zone	River	Description
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	Upper Tamaki	Tamaki River	Including all tributaries upstream of a point at approx NZMS 260 U23:709-114
Tiraumea	Upper Tiraumea	Hirinakitu Stream	Including all tributaries upstream of a point at approx NZMS 260 T25:577-627
Mangatainoka	Middle Mangatainoka	Mangatainoka River	Including all tributaries upstream of a point at approx NZMS 260 T24:441-746
	Lower Mangatainoka	Mangatainoka River	Including all tributaries upstream of a point at approx NZMS 260 T24:504-808
	Makakahi	Makakahi River	Including all tributaries upstream of a point at approx NZMS 260 T25:318-520
			Including all tributaries upstream of a point at approx NZMS 260 T25:317-554
			Including all tributaries upstream of a point at approx NZMS 260 T25:384-572
Bruce Stream	Including all tributaries upstream of a point at approx NZMS 260 T25:328-504		
Upper Gorge	Mangapapa	Mangapapa Stream	Including all tributaries upstream of a point at approx NZMS 260 T24:543-986
Middle Manawatu	Middle Manawatu	Manawatu River	Including all tributaries upstream of a point at approx NZMS 260 T24:394-937
	Middle Pohangina	Pohangina River	Including all tributaries upstream of a point at approx NZMS 260 T23:507-063
	Lower Pohangina	Pohangina River	Including all tributaries upstream of a point at approx NZMS 260 T23:455-042
Lower Manawatu	Turitea	Turitea Stream	Including all tributaries upstream of a point at approx NZMS 260 T24:314-875
			Including all tributaries upstream of a point at approx NZMS 260 T25:368-827
Oroua	Upper Oroua	Oroua River	Including all tributaries upstream of a point at approx NZMS 260 T23:502-254
			Including all tributaries upstream of a point at approx NZMS 260 T23:422-156
			Including all tributaries upstream of a point at approx NZMS 260 T23:364-113
	Kiwitea	Kiwitea Stream	Including all tributaries upstream of a point at approx NZMS 260 T23:369-239
Coastal Manawatu	Coastal Manawatu	Manawatu River	Including all tributaries upstream of a point at approx NZMS 260 S24:134-726
	Lower Tokomaru	Tokomaru River	Including all tributaries upstream of a point at approx NZMS 260 S24:242-767
			Including all tributaries upstream of a point at approx NZMS 260 S24:138-726

Management Zone	Sub-zone	River	Description	
	Mangaore	Mangaore Stream	Including all tributaries upstream of a point at approx NZMS 260 S25:170-665	
Middle Rangitikei	Pukeokahu – Mangaweka	Makino Stream	Including all tributaries upstream of a point at approx NZMS 260 U22:707-589	
	Upper Hautapu	Hautapu River	Including all tributaries upstream of a point at approx NZMS 260 T21:407-814	
				Including all tributaries upstream of a point at approx NZMS 260 T21:420-738
		Waiouru Stream	Including all tributaries upstream of a point at approx NZMS 260 T21:435-896	
	Lower Hautapu	Reporoa Stream	Including all tributaries upstream of a point at approx NZMS 260 T21:509-655	
Lower Rangitikei	Lower Rangitikei	Rangitikei River	Including all tributaries upstream of a point at approx NZMS 260 T22:504-512	
			Including all tributaries upstream of a point at approx NZMS 260 T22:332-324	
			Including all tributaries upstream of a point at approx NZMS 260 T22:360-372	
			Including all tributaries upstream of a point at approx NZMS 260 T22:301-330	
			Including all tributaries upstream of a point at approx NZMS 260 S22:272-299	
Coastal Rangitikei	Coastal Rangitikei	Rangitikei River	Including all tributaries upstream of a point at approx NZMS 260 S23:198-221	
			Including all tributaries upstream of a point at approx NZMS 260 S23:154-118	
			Including all tributaries upstream of a point at approx NZMS 260 S23:145-115	
			Including all tributaries upstream of a point at approx NZMS 260 S23:132-105	
			Including all tributaries upstream of a point at approx NZMS 260 S23:125-099	
	Tidal Rangitikei	Flockhouse Drain No 4	Including all tributaries upstream of a point at approx NZMS 260 S23:045-019	
	Tutaenui	Tutaenui Stream	Including all tributaries upstream of a point at approx NZMS 260 S22:144-137	
Upper Whanganui	Upper Whanganui	Te Whaiiau Stream	Including all tributaries upstream of a point at approx NZMS 260 T19:357-369	
		Mangatepopo Stream	Including all tributaries upstream of a point at approx NZMS 260 T19:313-364	
Cherry Grove	Cherry Grove	Whanganui River	Including all tributaries upstream of a point at approx NZMS 260 S18:130-504	
				Including all tributaries upstream of a point at approx NZMS 260 S18:102-556
	Upper Whakapapa	Makahikatoa Stream		Including all tributaries upstream of a point at approx NZMS 260 T20:316-138
				Including all tributaries upstream of a point at approx NZMS 260 T20:300-177
		Waipuna Stream		Including all tributaries upstream of a point at approx NZMS 260 S20:299-162
		Mangahuia Stream		Including all tributaries upstream of a point at approx NZMS 260 S19:236-205

Management Zone	Sub-zone	River	Description
	Lower Whakapapa	Whakapapa River	Including all tributaries upstream of a point at approx NZMS 260 S19:190-402
	Piopioptea	Piopioptea Stream	Including all tributaries upstream of a point at approx NZMS 260 S19:178-283
Middle Whanganui	Upper Ohura	Mangaparare Stream	Including all tributaries upstream of a point at approx NZMS 260 R18:817-602
Upper Whangaehu	Waitangi	Waitangi Stream	Including all tributaries upstream of a point at approx NZMS 260 T20:397-914
Lower Whangaehu	Upper Makotuku	Makotuku River	Including all tributaries upstream of a point at approx NZMS 260 S20:103-012
	Upper Mangawhero	Mangawhero River	Including all tributaries upstream of a point at approx NZMS 260 S20:198-999
Ohau	Upper Ohau	Ohau River	Including all tributaries upstream of a point at approx NZMS 260 S25:077-580
	Lower Ohau	Ohau River	Including all tributaries upstream of a point at approx NZMS 260 S25:064-577 Including all tributaries upstream of a point at approx NZMS 260 S25:066-578
Akitio	Waihi	Waihi Stream	Including all tributaries upstream of a point at approx NZMS 260 U24:746-774 Including all tributaries upstream of a point at approx NZMS 260 U24:743-768
		Waipuehu Stream	Including all tributaries upstream of a point at approx NZMS 260 U24:766-804
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 R22:897-364
Waikawa	Waikawa	Waikawa Stream	Including all tributaries upstream of a point at approx NZMS 260 S25:009-506 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



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

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

Management Zone	Sub-zone	River	Description
Upper Manawatu	Upper Manawatu	Mangarangiara Stream	At approx NZMS 260 U24:885-158
		Manawatu River	At approx NZMS 260 U23:785-023
Tamaki-Hopelands	Tamaki-Hopelands	Manawatu River	At approx NZMS 260 T23:678-003
	Lower Tamaki	Tamaki River	At approx NZMS 260 U23:707-047
Mangatainoka	Middle Mangatainoka	Artificial Lake on Tutaekara Road	At approx NZMS 260 T24:433-726
	Lower Mangatainoka	Mangatainoka River	At approx NZMS 260 T24:533-834
			At approx NZMS 260 T24:529-833
			At approx NZMS 260 T24:500-804
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
Oroua	Middle Oroua	Oroua River	At approx NZMS 260 T24:302-884
Middle Rangitikei	Pukeokahu – Mangaweka	Rangitikei River	At approx NZMS 260 S23:298-049
			At approx NZMS 260 T22:529-572
Lower Rangitikei	Lower Rangitikei	Rangitikei River	At approx NZMS 260 T22:528-573
			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 NZMS 260 S17:250-968
	Lower Ongarue	Taringamotu River	At approx NZMS 260 S18:193-592
Pipiriki	Lower Manganui-O Te Ao	Hoihenga Stream	At approx NZMS 260 S20:097-029
Lower Whanganui	Coastal Whanganui	Whanganui River	At approx NZMS 260 R22:831-413
			At approx NZMS 260 R22:798-378
Upper Whangaehu	Tokiahuru	Tokiahuru Stream	At approx NZMS 260 S20:284-913
Lower Whangaehu	Upper Mangawhero	Mangawhero River	At approx NZMS 260 S20:279-079
Northern Coastal	Northern Coastal	Okehu Stream	At approx NZMS 260 R22:761-598



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

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

Management Zone	Sub-zone	River	Number of Consents	Description	
Upper Manawatu	Upper Manawatu	Manawatu River	4	At approx NZMS 260 U23:821-240	
			4	At approx NZMS 260 U23:873-220	
	Mangatewainui	Mangatewainui Stream	4	At approx NZMS 260 U23:870-145	
			4	At approx NZMS 260 U23:819-102	
		Mangatoro	Mangatoro Stream	4	At approx NZMS 260 U24:826-979
				4	At approx NZMS 260 U24:831-985
4	At approx NZMS 260 U24:838-997				
Weber-Tamaki	Weber-Tamaki	Manawatu River	4	At approx NZMS 260 U23:726-020	
	Mangatera	Whakaruatapu Stream	4	At approx NZMS 260 U23:762-086	
Upper Kumeti	Upper Kumeti	Kumeti Stream	4	At approx NZMS 260 T23:669-048	
Tamaki-Hopelands	Tamaki-Hopelands	Manawatu River	4	At approx NZMS 260 T24:646-928	
			4	At approx NZMS 260 T24:662-941	
			4	At approx NZMS 260 T24:691-999	
			4	At approx NZMS 260 T24:682-956	
			4	At approx NZMS 260 T24:623-912	
			4	At approx NZMS 260 T24:623-9142	
	Lower Tamaki	Tamaki River	4	At approx NZMS 260 U23:708-019	
			4	At approx NZMS 260 U23:710-036	
	Lower Kumeti	Otamarahu Stream	4	At approx NZMS 260 U23:704-007	
		Kumeti Stream	4	At approx NZMS 260 T23:656-067	
	Oruakeretaki	Oruakeretaki Stream	4	At approx NZMS 260 T23:656-028	
			4	At approx NZMS 260 T23:645-027	
			4	At approx NZMS 260 T23:659-031	
	Raparapawai	Raparapawai	4	At approx NZMS 260 T24:656-979	
			4	At approx NZMS 260 T24:653-983	
4			At approx NZMS 260 T24:664-964		
4			At approx NZMS 260 T24:664-956		
Hopelands-Tiraumea	Hopelands-Tiraumea	Manawatu River	4	At approx NZMS 260 T24:613-891	
			4	At approx NZMS 260 T24:571-863	
Tiraumea	Upper Tiraumea	Tiraumea River	4	At approx NZMS 260 T24:541-731	
		Black Creek	4	At approx NZMS 260 T25:569-618	
	Lower Tiraumea	Tiraumea River	4	At approx NZMS 260 T24:566-848	
			2	At approx NZMS 260 T24:587-835	
	Mangaone River	Black Creek	4	At approx NZMS 260 T25:472-638	
Mangatainoka	Middle Mangatainoka	Mangatainoka River	4	At approx NZMS 260 T25:362-645	
			4	At approx NZMS 260 T25:363-642	
	Lower Mangatainoka	Mangatainoka River	4	At approx NZMS 260 T24:548-855	
		Avery Road Stream	4	At approx NZMS 260 T24:485-796	
	Mangaramarama	Mangaramarama Creek	4	At approx NZMS 260 T24:545-832	
Upper Gorge	Upper Gorge	Manawatu River	4	At approx NZMS 260 T24:532-872	
			4	At approx NZMS 260 T24:517-882	
			4	At approx NZMS 260 T24:520-876	
			4	At approx NZMS 260 T24:527-869	
	Lower Mangahao	Mangahao River	4	At approx NZMS 260 T24:488-870	
Middle Manawatu	Middle Manawatu	Manawatu River	4	At approx NZMS 260 T24:379-925	
			4	At approx NZMS 260 T24:439-957	
			4	At approx NZMS 260 T24:345-916	
	Middle Pohangina	Pohangina River	4	At approx NZMS 260 T23:465-050	











Management Zone	Sub-zone	River	Number of Consents	Description
	Lower Pohangina	Pohangina River	4	At approx NZMS 260 T23:501-115
			4	At approx NZMS 260 T23:475-077
			4	At approx NZMS 260 T23:463-054
			1	At approx NZMS 260 T24:455-989
			4	At approx NZMS 260 T24:459-014
Lower Manawatu	Lower Manawatu	Manawatu River	4	At approx NZMS 260 S24:202-830
			4	At approx NZMS 260 S24:170-823
	Kahutorawa	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
			4	At approx NZMS 260 T23:328-072
	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
			4	At approx NZMS 260 S23:243-006
		Makino Stream	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
			4	At approx NZMS 260 S23:158-122
			4	At approx NZMS 260 S23:075-055

Management Zone	Sub-zone	River	Number of Consents	Description	
			4	At approx NZMS 260 S23:076-053	
			4	At approx NZMS 260 S23:073-056	
			4	At approx NZMS 260 S23:171-142	
			4	At approx NZMS 260 S23:111-103	
			4	At approx NZMS 260 S24:042-998	
			4	At approx NZMS 260 S23:150-115	
			4	At approx NZMS 260 S23:187-209	
			4	At approx NZMS 260 S23:184-185	
	Tidal Rangitikei	Rangitikei River	4	At approx NZMS 260 S24:045-995	
	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
				4	At approx NZMS 260 S20:252-906
	Waitaki Stream	4	At approx NZMS 260 S20:252-906		
Middle Whangaehu	Middle Whangaehu	Rangiwahia Stream	4	At approx NZMS 260 S21:211-836	
Lower Whangaehu	Lower Whangaehu	Mangawhero River	4	At approx NZMS 260 S22:057-497	
	Lower Makotuku	Little Makara Stream	4	At approx NZMS 260 S20:091-014	
		Makara Stream	4	At approx NZMS 260 S20:118-027	
				4	At approx NZMS 260 S20:107-957
	Upper Mangawhero	Mangawhero River		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	
		Mangaoteitoe 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 S25:937-584	
Akitio	Lower Akitio	Akitio River	4	At approx NZMS 260 U24:940-712	
			4	At approx NZMS 260 U24:964-707	
			4	At approx NZMS 260 U24:947-714	
Kai Iwi	Kai Iwi	Katikara Stream	4	At approx NZMS 260 R22:825-488	
Mowhanau	Mowhanau	Omapu Stream	4	At approx NZMS 260 R22:803-459	
Lake Papaitonga	Lake Papaitonga	Lake Papaitonga	4	At approx NZMS 260 S25:938-617	

Management Zone	Sub-zone	River	Number of Consents	Description
Waikawa	Waikawa	Waikawa Stream	4	At approx NZMS 260 S25:938-524
		Manukau Stream	4	At approx NZMS 260 S25:968-517
			4	At approx NZMS 260 S25:967-514

Schedule Ba: VALUES KEY

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

Species Photo	Species Name
	<u>Koaro</u> ²
	<u>dwarf Galaxias</u>
	<u>shortjaw kokopu</u> ²
	<u>redfin bully</u> ²
	<u>banded kokopu</u> ²
	<u>lamprey</u> ³
	<u>blue duck (whio)</u> ⁴
	<u>brown mudfish</u>
	<u>giant kokopu</u> ²
	<u>bluegill bully</u> ²

² Photo from the Natural Science Image Library of NZ

³ Photo taken by Mike Joy – Massey University

⁴ Photo taken by Chris Robertson

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

Value Group	Individual values	Management Objective	Where it applies	Location in Schedule Ba	
Ecosystem Values	NS	Natural State	The <i>water_body^</i> is maintained in its natural state	Conservation Land Refer to Map D:9 Page 19 and Table D.3 Page 20	Map Ba:11 page Ba-53 and Table Ba.11 Pages Ba-54 – Ba-55
	LSC	Life-Supporting eCapacity	The <i>water_body^</i> supports healthy aquatic life / ecosystems	All natural <i>waterbodies^</i> (40 8 classes) Refer to Map D:10 Page 21 and Table D.4 Page 22	Map Ba:10 page Ba-46 and Table Ba.10 pages Ba-30 – Ba-43
	SOS-A	Sites of Significance – Aquatic	Sites of significance for native aquatic biodiversity are maintained or improved	Specified sites / reaches Refer to Map D:11 Page 27 and Table D.5 Page 28	Map Ba:12 page Ba-57 and Table Ba.12 pages Ba-58 – Ba-67
	SOS-R	Sites of Significance – Riparian	Sites of significance for native riparian biodiversity are maintained or improved	Specified sites / reaches Refer to Map D:12 Page 36 and Table D.6 Page 37	Map Ba:13 page Ba-69 and Table Ba.13 pages Ba-70 – Ba-72
	NFS_IS	Native Fish Spawning-Inanga Spawning	The <i>water_body^</i> sustains healthy native fish Inanga spawning and fry egg development	Specified sites / reaches Refer to Map D:13 Page 40 and Table D.7 Page 44	Map Ba:15 page Ba-79 and Table Ba.15 pages Ba-80 – Ba-81
	WM	Whitebait Migration	The <i>water body</i> is maintained or improved to provide safe passage of inwardly migrating juvenile native fish known collectively as whitebait	Specified sites / reaches Refer to Map D:15 Page 47 and Table D.9 Page 48	Map Ba:17 page Ba-88 and Table Ba.17 pages Ba-89 – Ba-90
Recreational and Cultural Values	CR	Contact recreation	The <i>water_body^</i> is suitable for contact recreation	All natural <i>water_bodies^</i>	
	Am	Amenity	The amenity values of the <i>water_bodies^</i> and their margins are maintained or improved	Coastal Marine Area + Specified sites / reaches Refer to Map D:14 Page 43 and Table D.8 Page 44	Map Ba:16 page Ba-83 and Table Ba.16 pages Ba-84 – Ba-86
	NF	Native Fishery	The <i>water_body</i> sustains populations of native fish that can be harvested in a sustainable manner	Specified sites / reaches Refer to Map D:15 Page 47 and Table D.9 Page 48	
	MAU	Mauri*	The Mauri* of the <i>water_body^</i> is maintained or improved	All natural <i>waterbodies^</i>	
	SG	Shellfish Gathering	The <i>waterbody</i> is suitable for shellfish harvesting	Coastal waters (CMA)	
	SOS-C	Sites of eSignificance-Cultural	Sites of significance for cultural values are maintained	To be defined	
	TF	Trout Fishery	The <i>water_body^</i> sustains healthy rainbow and / or brown trout fisheries.	Specified zones / reaches (3 categories) Refer to Map D:16 Page 50 and Table D.10 Page 51	Map Ba:18 page Ba-92 and Table Ba.18 pages Ba-93 – Ba-99
	TS	Trout Spawning	The <i>water_body^</i> meets the requirements of rainbow and brown trout spawning and larval and fry development	Specified sites / reaches Refer to Map D:17 Page 57 and Table D.11 Page 58	MapBa:19 page Ba-101 and Table Ba.19 pages Ba-102 – Ba-112
Ae	Aesthetics	The aesthetic values of the <i>water_body^</i> and its margins are maintained or improved	Specified sites / reaches Refer to Map D:18 Page 66 and Table D.12 Page 67	Map Ba:14 page Ba-74 and Table Ba.14 pages Ba75 – Ba77	
Water [^] Use	WS	Water [^] Supply	The <i>water_body^</i> is suitable as a raw drinking water [^] source for human consumption	Catchments above surface water [^] takes for community water [^] supply Refer to Map D:19 Page 69 and Table D.13 Page 70	
	IA	Industrial Abstraction	The <i>water_body^</i> is suitable as a water [^] source for industrial abstraction	All natural <i>waterbodies^</i> except those classified as NS and those covered by NWCO and those identified as zero allocation zones in Schedule B Refer to Map D:20 Page 73 and Table D.14 Page 74	
	I	Irrigation	The <i>water_body^</i> is suitable as a water [^] source for irrigation-	All natural <i>water_bodies^</i> except those classified as NS and those covered by NWCO and those identified as zero allocation zones in Schedule B Refer to Map D:21 Page 75 and Table D.15 Page 76	
	SW	Stockwater	The <i>water_body^</i> is suitable as a supply of drinking water [^] for livestock.	All <i>waterbodies^</i> including artificial	
Social /Economic Values	CAP	Capacity to Assimilate Pollution	The capacity of a <i>water_body^</i> to assimilate pollution is not exceeded	All natural <i>water_bodies^</i> except NS	
	FC/D	Flood Control and Drainage	The integrity of existing flood and river bank erosion protection structures and existing drainage structures is not compromised	Existing flood/ erosion control and drainage schemes	Map Ba:20 page Ba-113 and Table Ba.20 pages Ba-114 – Ba-131
	D	Drainage	The integrity of existing drainage structures [^] shall not be compromised	Existing drainage schemes Drainage scheme areas	
	EI	Existing Infrastructure [^]	The integrity of existing <i>infrastructure^</i> shall is not be compromised	This applies in the general vicinity of any legally existing infrastructure such as Roads, Culverts, Bridges, Water Intakes, Discharge pipes, flow recording stations, river control and drainage structures	

C) WATER[^] MANAGEMENT VALUES CLASSIFICATION SUB-CODE KEY:⁵

Value	Classification Sub-Codes
LSC	Life Supporting Capacity
TF	Trout Fishery

UHS: Upland Hard Sedimentary
UVA: Upland Volcanic Acidic
UVM: Upland Volcanic Mixed
Uli: Upland Limestone
HM: Hill Mixed
HSS: Hill Soft Sedimentary
LM: Lowland Mixed
LS: Lowland Sand
I: Outstanding
II: Regionally Significant
III: Other Trout Fishery

⁵ Note to the hearing panel this is a new table but not new information. It takes the Key from Table D:1 of the plan and puts it into Tabular format.