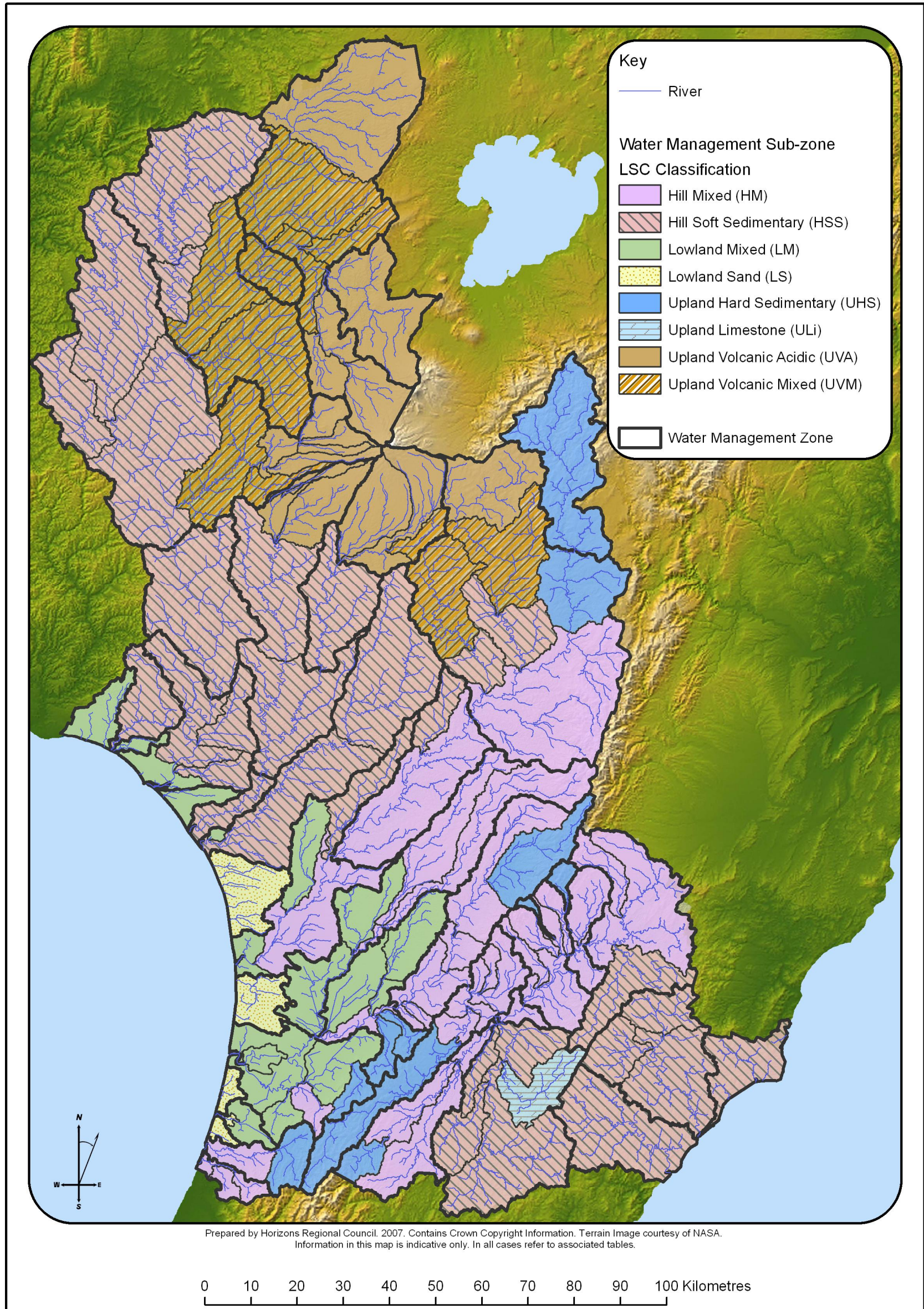


## Part AB.2: Where Specific *Water*<sup>^</sup> Management Values Apply

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

### Life-supporting Capacity (LSC) Value

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





### Natural State (NS) Value

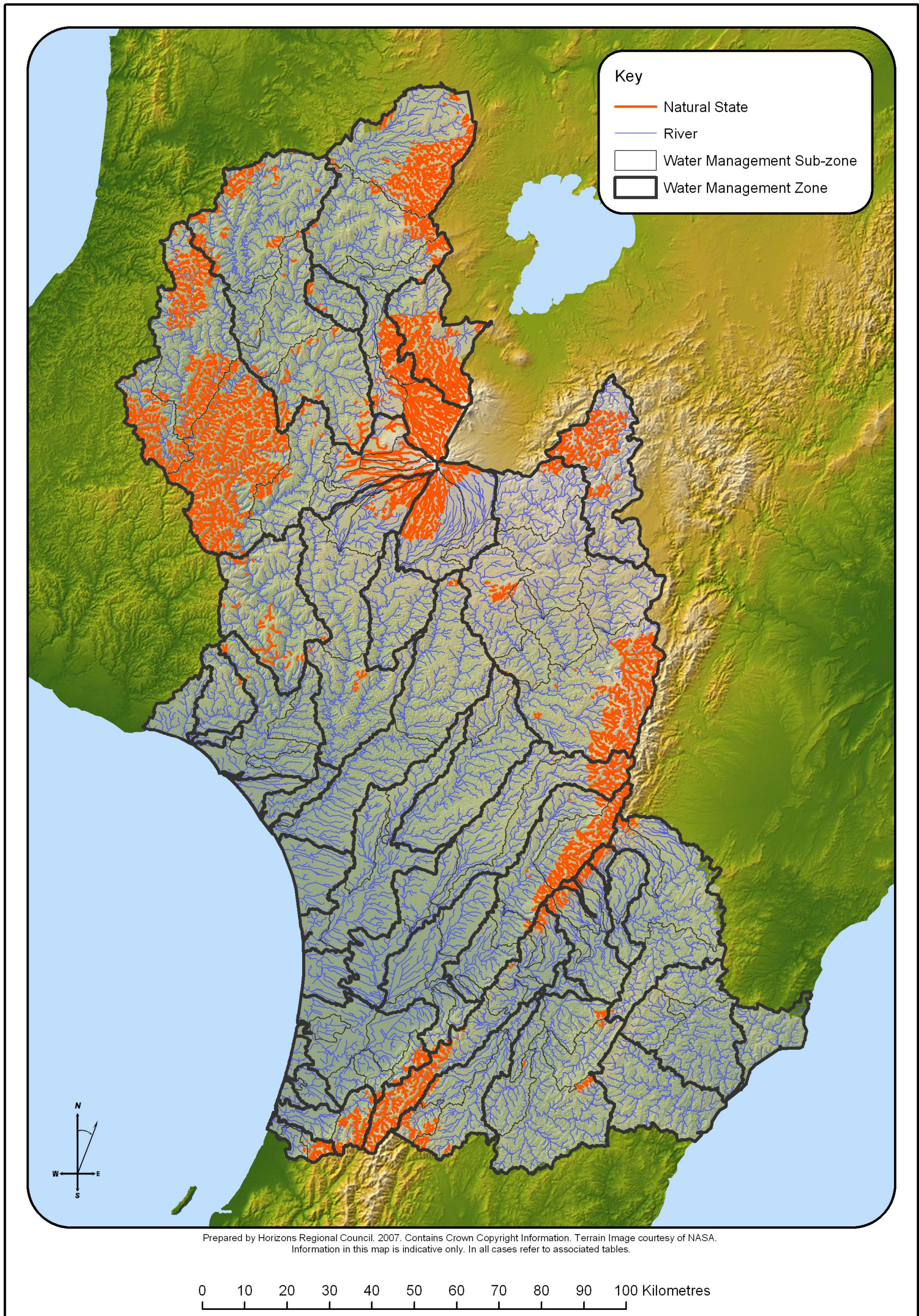


Figure AB:2 Visual Guide to the Distribution of the Natural State (NS) Value



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

**Table AB.2: Rivers<sup>^</sup> within Public Conservation Land excluded from the Natural State (NS) Value**

<b>Water Management Zone*</b>	<b>Sub-zone*</b>	<b>River<sup>^</sup></b>	<b>Locality Description</b>
<b>Upper Gorge (Mana_9)</b>	Upper and Lower Mangahao (Mana_9d and Mana_9c)	Mangahao River	From the 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
<b>Coastal Manawatu (Mana_13)</b>	Upper and Lower Tokomaru (Mana_13b and Mana_13c)	Tokomaru River	From the confluence with the Manawatu River at approx. NZMS 260 S24:132-727 to the top of the Tokomaru No.3 Reservoir at approx. NZMS 260 S25:203-654
	Mangaore (Mana_13d)	Mangaore Stream	From confluence with the Manawatu River at approx. NZMS 260 S24:116-712 to source

[Formerly POP at D-20]



Sites of Significance - Aquatic (SOS-A) Value

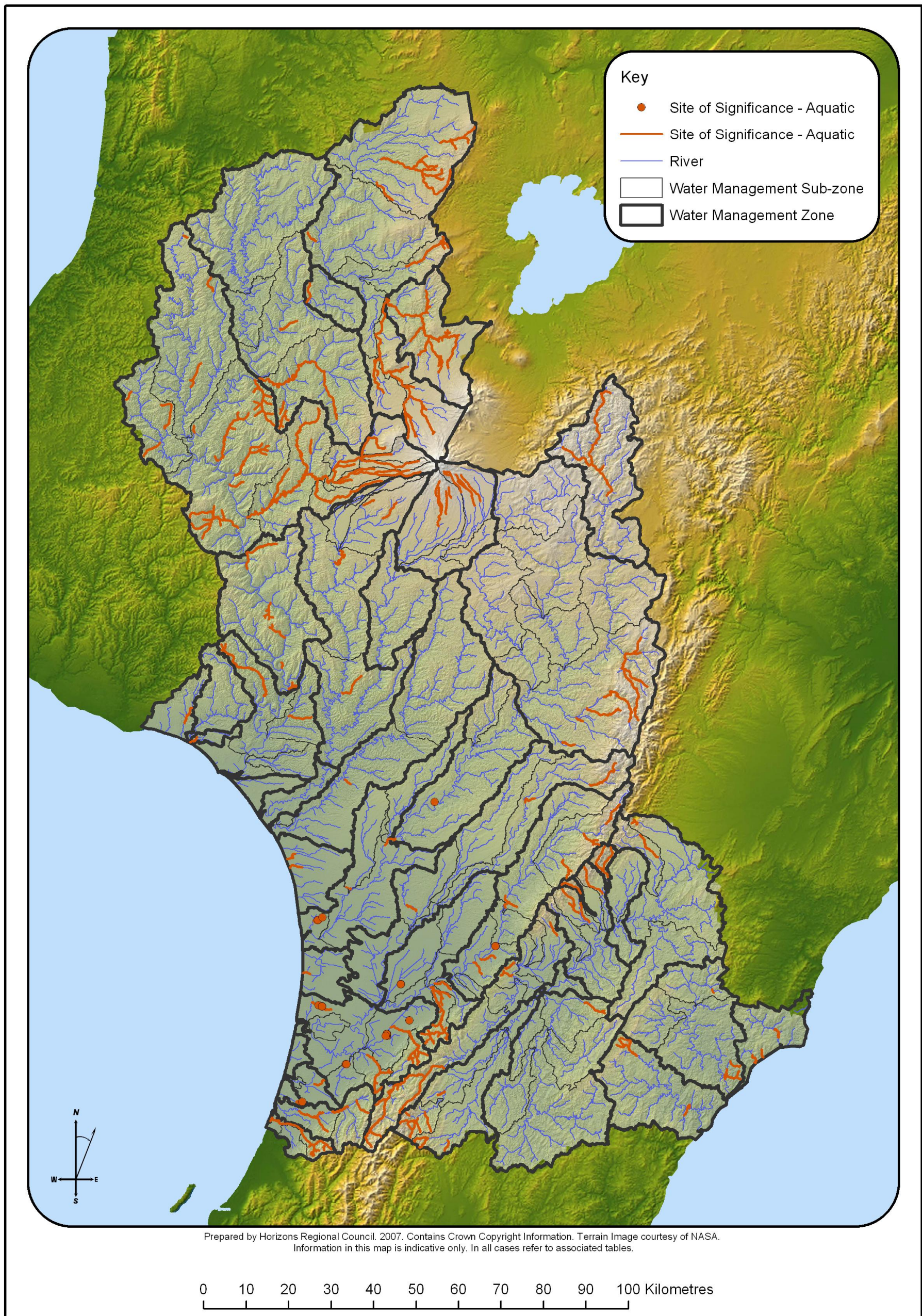


Figure AB:3 Visual Guide to the Distribution of the Sites of Significance - Aquatic (SOS-A) Value





<b>Table AB.3: Sites of Significance - Aquatic (SOS-A) Value in the Region</b>				
<b>Water Management Zone*</b>	<b>Sub-zone*</b>	<b>Site</b>	<b>Locality Description</b>	<b>Species</b>
<b>Upper Manawatu (Mana_1)</b>	Upper Manawatu (Mana_1a)	Manawatu River and tributaries	From the confluence with the Manawatu River at approx. NZMS 260 U23:780-258 to source	Koaro and dwarf <i>Galaxias</i>
	Mangatewainui (Mana_1b)	Mangatewainui River	From approx. NZMS 260 U23:828-177 to approx. NZMS 260 U23:785-231	Dwarf <i>Galaxias</i>
<b>Upper Tamaki (Mana_3)</b>	Upper Tamaki (Mana_3)	Tamaki River including East and West Branches	From approx. NZMS 260 U23:710-131 to source	Dwarf <i>Galaxias</i>
<b>Upper Kumeti (Mana_4)</b>	Upper Kumeti (Mana_4)	Kumeti/Mangapuaka Stream	From approx. NZMS 260 T23:646-091 to source	Dwarf <i>Galaxias</i>
<b>Tamaki-Hopelands (Mana_5)</b>	Lower Tamaki (Mana_5b)	Rokaiwhana Stream	From the confluence with the Tamaki River at approx. NZMS 260 T23:697-091 to source	Dwarf <i>Galaxias</i>
	Oruakeretaki (Mana_5d)	Mangapukakakahu Stream	From the confluence with the Oruakeretaki River at approx. NZMS 260 T23:666-023 to source	Dwarf <i>Galaxias</i>
		Oruakeretaki Stream	From approx. NZMS 260 T23:642-045 to approx. NZMS 260 T23:618-067	Dwarf <i>Galaxias</i>
		Oruakeretaki Tributary	From the confluence with the Oruakeretaki Stream at approx. NZMS 260 T23:628-058 to source	Dwarf <i>Galaxias</i>
<b>Tiraumea (Mana_7)</b>	Lower Tiraumea (Mana_7b)	Makairo Stream	From approx. NZMS 260 T24:655-833 to source	Shortjaw kokopu and koaro
<b>Mangatainoka (Mana_8)</b>	Upper Mangatainoka (Mana_8a)	Mangatainoka Tributary	From the confluence with the Mangatainoka River at approx. NZMS 260 S25:249-535 to source	Shortjaw kokopu and koaro
		Ngamaia Stream Tributary	From the confluence with the Ngamaia Stream at approx. NZMS 260 S25:243-568 to source	Koaro
		Mangatainoka River	From approx. NZMS 260 S25:262-562 to source	Shortjaw kokopu and koaro
		Mangatainoka Tributary	From the confluence with the Mangatainoka River at approx. NZMS 260 S25:252-555 to source	Shortjaw kokopu
		Rawnsley Stream	From the confluence with the Mangatainoka River at approx. NZMS 260 S25:259-555 to source	Shortjaw kokopu
		Makotukutuku Stream	From the confluence with the Mangatainoka River at approx. NZMS 260 S25:279-576 to source	Shortjaw kokopu
	Middle Mangatainoka (Mana_8b)	Tramway Creek	From the confluence with the Mangatainoka River at approx. NZMS 260 T25:326-625 to source	Dwarf <i>Galaxias</i>
	Makakahi (Mana_8c)	Bruce Stream Tributary	From the confluence with the Bruce Stream at approx. NZMS 260 T25:332-510 to source	Shortjaw kokopu
Makakahi River Tributary		From the confluence with the Makakahi River at approx. NZMS 260 S25:286-514 to source	Shortjaw kokopu	

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

<b>Water Management Zone*</b>	<b>Sub-zone*</b>	<b>Site</b>	<b>Locality Description</b>	<b>Species</b>
		Makakahi River	From the confluence with a tributary at approx. NZMS 260 S25:286-514 to source	Shortjaw kokopu
<b>Upper Gorge (Mana_9)</b>	Upper Gorge (Mana_9a)	Manawatu River Tributary	From the confluence with the Manawatu River at approx. NZMS 260 T24:486-899 to source	Redfin bully
		Manawatu River Tributary	From the confluence with the Manawatu River at approx. NZMS 260 T24:490-928 to source	Redfin bully
	Mangaatua (Mana_9c)	Mangaatua Stream	From approx. NZMS 260 T24:590-992 to approx. NZMS 260 T23:574-023	Shortjaw kokopu
	Lower Mangahao (Mana_9e)	Mangahao Tributary	From the confluence with the Mangahao River at approx. NZMS 260 S25:150-532 to source	Dwarf <i>Galaxias</i>
		Mangahao River	From approx. NZMS 260 T25:324-679 to source	Dwarf <i>Galaxias</i> and shortjaw kokopu
		Roaring Creek	From the confluence with the Mangahao River at approx. NZMS 260 S25:190-606 to source	Dwarf <i>Galaxias</i>
		Ngapuketuru Stream	From the confluence with the Mangahao River at approx. NZMS 260 S25:278-660 to source	Banded kokopu and shortjaw kokopu
<b>Middle Manawatu (Mana_10)</b>	Middle Manawatu (Mana_10a)	Manawatu River Tributary	From the confluence with the Manawatu River at approx. NZMS 260 T24:410-937 to approx. NZMS 260 T24:444-940	Lamprey
		Manawatu River Tributary	From the confluence with the Manawatu River at approx. NZMS 260 T24:392-929 to approx. NZMS 260 T24:413-902	Lamprey
	Upper Pohangina (Mana_10b)	Pohangina Tributary	From the confluence with the Pohangina River at approx. NZMS 260 T23:652-233 to source	Koaro
		Pohangina River	From approx. NZMS 260 U23:705-256 to approx. NZMS 260 U23:708-303	Whio
		Makawakawa Stream Tributary	From approx. NZMS 260 T23:606-173 to source	Koaro
	Middle Pohangina (Mana_10c)	Pohangina River	From approx. NZMS 260 T23:468-058 to approx. NZMS 260 T23:469-086	Koaro
		Waitokanui Stream	From the confluence with the Pohangina River at approx. NZMS 260 T23:474-069 to source	Redfin bully
Lower Pohangina (Mana_10d)	Ashurst Domain	At approx. NZMS 260 T24:446-967 to approx. NZMS 260 T24:444-940	Brown mudfish	
<b>Lower Manawatu (Mana_11)</b>	Turitea (Mana_11b)	Tiritea Stream	From the confluence with the Manawatu River at approx. NZMS 260 T24:302-880 to approx. NZMS 260 T24:341-866	Lamprey
	Kahuterawa (Mana_11c)	Kahuterawa Stream and tributaries	From the confluence with the Manawatu River at approx. NZMS 260 S24:293-870 to source	Banded kokopu, shortjaw kokopu koaro and redfin bully
	Main Drain (Mana_11f)	Unnamed Wetland	At approx. NZMS 260 S24:223-877	Brown mudfish
<b>Oroua (Mana_12)</b>	Upper Oroua (Mana_12a)	Mangapikopiko Stream	From the confluence with the Oroua River at approx. NZMS 260 T22:515-307 to approx. NZMS 260 T22:538-317	Banded kokopu

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

<b>Water Management Zone*</b>	<b>Sub-zone*</b>	<b>Site</b>	<b>Locality Description</b>	<b>Species</b>
		Oroua River	From approx. NZMS 260 T22:667-349 to source	Banded kokopu
	Makino (Mana_12e)	Mangaone West Stream	From approx. NZMS 260 S23:258-050 to approx. NZMS 260 S23:236-064	Redfin bully
<b>Coastal Manawatu (Mana_13)</b>	Coastal Manawatu (Mana_13a)	Round Bush Scenic Reserve and Tributary	From approx. NZMS 260 S24:013-835 to source at approx. NZMS 260 S24:058-819	Brown mudfish
	Upper Tokomaru (Mana_13b)	Tokomaru River Tributary	From the confluence with the Tokomaru River at approx. NZMS 260 S24:243-705 to source	Redfin bully, koaro and banded kokopu
		Tokomaru River Tributary	From the confluence with the Tokomaru River at approx. NZMS 260 S24:255-720 to source	Redfin bully, koaro and banded kokopu
		Tokomaru River Tributary	From the confluence with the Tokomaru River at approx. NZMS 260 S24:259-734 to source	Redfin bully, koaro and banded kokopu
	Upper and Lower Tokomaru (Mana_13b and Mana_13c)	Tokomaru River	From approx. NZMS 260 S24:198-776 to approx. NZMS 260 S25:240-698	Redfin bully, koaro and banded kokopu
	Lower Tokomaru (Mana_13c)	Makerua Swamp Wildlife Management Reserve	At approx. NZMS 260 S24:190-760	Brown mudfish
	Mangaore (Mana_13d)	Mangaore Stream	From approx. NZMS 260 S24:142-711 to source	Shortjaw kokopu, redfin bully and koaro
		Mangatangi Stream	From the confluence with the Mangaore Stream at approx. NZMS 260 S25:173-670 to source	Shortjaw kokopu, redfin bully and koaro
		Mangaore Stream Tributary	From the confluence with the Mangaore Stream at approx. NZMS 260 S25:161-648 to source	Koaro
Koputaroa (Mana_13e)	Perawitis Wetland	At approx. NZMS 260 S25:094-688 and approx. NZMS 260 S25:095-688	Brown mudfish	
<b>Upper Rangitikei (Rang_1)</b>	Upper Rangitikei (Rang_1)	Rangitikei River	From approx. NZMS 260 U20:707-031 to approx. NZMS 260 U19:716-274	Whio
		Mangamarie River	From the confluence with the Rangitikei River at approx. NZMS 260 T20:691-090 to approx. NZMS 260 T20:699-102	Whio
		Otamatenui Stream	From the confluence with the Rangitikei River at approx. NZMS 260 T20:672-107 to approx. NZMS 260 T20:603-146	Whio
<b>Middle Rangitikei (Rang_2)</b>	Pukeokahu - Mangaweka (Rang_2b)	Mangatera River	From the confluence with the Maropea River at approx. NZMS 260 U21:749-655 to Lake Colenso at approx. NZMS 260 U21:781-660	Whio
		Waiokotore Stream	From the confluence with the Mangatera River at approx. NZMS 260 U21:770-659 to approx. NZMS 260 U21: 789-697	Whio
		Maropea River	From the confluence with the Mangatera River at approx. NZMS 260 U21:749-655 to approx. NZMS 260 U22:803-580	Whio
		Kawhatau River	From the confluence with Hikurangi Stream at approx. NZMS 260 U22:700-557 to approx. NZMS 260 U22:760-499	Whio

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

<b>Water Management Zone*</b>	<b>Sub-zone*</b>	<b>Site</b>	<b>Locality Description</b>	<b>Species</b>
		Waikakamaka River	From the confluence with the Maropea River at approx. NZMS 260 U21:748-622 to approx. NZMS 260 U22:782-502	Whio
		Porangaki River	From the confluence with the Mangakukeke Stream at approx. NZMS 260 T22:635-507 to approx. NZMS 260 T22:651-499	Dwarf <i>Galaxias</i> and redfin bully
		Hikurangi Stream	From the confluence with the Kawhatau River at approx. NZMS 260 T22:661-530 to source	Dwarf <i>Galaxias</i>
		Mangawharariki River	From approx. NZMS 260 T22:602-449 to approx. NZMS 260 T22:632-444	Dwarf <i>Galaxias</i>
<b>Lower Rangitikei and Coastal Rangitikei (Rang_3 and Rang_4)</b>	Lower Rangitikei and Coastal Rangitikei (Rang_3a and Rang_4a)	Rangitikei River	From approx. NZMS 260 S23:184-206 to approx. NZMS 260 S23:210-222	Redfin bully
<b>Coastal Rangitikei (Rang_4)</b>	Tidal Rangitikei (Rang_4b)	Forest Road Wetland	From approx. NZMS 260 S23:016-028 to approx. NZMS 260 S23:040-034	Giant kokopu
	Tutaenui (Rang_4d)	Tutaenui Stream Tributary	From the confluence with the Tutaenui Stream at approx. NZMS 260 S23:104-104 to source	Brown mudfish
<b>Upper Whanganui (Whai_1)</b>	Upper Whanganui (Whai_1)	Otamangakau Outlet	From the confluence with the Whanganui River at approx. NZMS 260 T19:354-409 to approx. NZMS 260 T19:359-411	Whio
		Otamarautara Stream and tributaries	From the confluence with the Whanganui River at approx. NZMS 260 T19:329-408 to source	Whio
		Otongokaku Stream	From the confluence with the Whanganui River at approx. NZMS 260 T19:319-405 to approx. NZMS 260 T19:321-398	Whio
		Waipapaiti Stream	From the confluence with the Whanganui River at approx. NZMS 260 T19:309-401 to approx. NZMS 260 T19:312-395	Whio
		Mangatepopo Stream	From the confluence with the Whanganui River at approx. NZMS 260 S19:289-405 to approx. NZMS 260 T19:312-323	Whio
		Okupata Stream	From the confluence with the Mangatepopo Stream at approx. NZMS 260 S19:288-398 to approx. NZMS 260 S19:264-364	Whio
		Tawhitikuri Stream	From the confluence with the Mangatepopo Stream at approx. NZMS 260 T19:309-361 to approx. NZMS 260 T19:311-338	Whio
		Waione Stream	From the confluence with the Whanganui River at approx. NZMS 260 S19:276-427 to approx. NZMS 260 S19:245-396	Whio
		Waipari Stream	From the confluence with the Whanganui River at approx. NZMS 260 S19:269-456 to approx. NZMS 260 S18:282-516	Whio
		Waionenui Stream	From the confluence with the Waipari Stream at approx. NZMS 260 S19:289-476 to approx. NZMS 260 S19:292-478	Whio

<b>Table AB.3: Sites of Significance - Aquatic (SOS-A) Value in the Region</b>				
<b>Water Management Zone*</b>	<b>Sub-zone*</b>	<b>Site</b>	<b>Locality Description</b>	<b>Species</b>
		Waione Stream	From the confluence with the Waipari Stream at approx. NZMS 260 S19:282-465 to approx. NZMS 260 S19:286-462	Whio
<b>Upper Whanganui (Whai_1)</b>	Upper Whanganui (Whai_1)	Whanganui River	From the confluence with the Whakapapa River at approx. NZMS 260 S19:188-496 to approx. NZMS 260 T19:334-332	Whio
<b>Cherry Grove (Whai_2)</b>	Upper and Lower Whakapapa (Whai_2b and Whai_2c)	Whakapapa River and Whakapapa Stream	From the confluence with the Whanganui River at approx. NZMS 260 S19:188-495 to source	Whio
	Upper Whakapapa (Whai_2b)	Waikare Stream	From the confluence with the Whakapapa Stream at approx. NZMS 260 S19:238-224 to approx. NZMS 260 S19:287-216	Whio
		Mangahuia Stream	From the confluence with the Whakapapa Stream at approx. NZMS 260 S19:233-230 to approx. NZMS 260 S19:238-166	Whio
		Whakapapanui Stream	From the confluence with the Whakapapa River at approx. NZMS 260 S19:243-269 to source	Whio
		Papamanuka Stream	From the confluence with the Whakapapa River at approx. NZMS 260 S19:233-289 to approx. NZMS 260 S19:254-287	Whio
	Lower Whakapapa (Whai_2c)	Otamawairua Stream	From the confluence with the Whakapapa River at approx. NZMS 260 S19:196-324 to approx. NZMS 260 S19:240-337	Whio
	Piopotea (Whai_2d)	Piopotea Stream	From the confluence with the Whakapapa River at approx. NZMS 260 S19:174-356 to approx. NZMS 260 S19:183-275	Whio
		Tepure Stream	From the confluence with the Piopotea Stream at approx. NZMS 260 S19:160-328 to approx. NZMS 260 S19:168-316	Whio
	Pungapunga (Whai_2e)	Pungapunga River	From approx. NZMS 260 S18:291-612 to source	Whio
		Pungapunga River	From approx. NZMS 260 S18:234-573 to source	Koaro
	Upper Ongarue (Whai_2f)	Ongarue River and tributaries	From approx. NZMS 260 T17:314-864 to source	Whio
		Mangatukutuku Stream	From approx. NZMS 260 S18:166-770 to approx. S18:204-729	Whio
		Maramataha River	From approx. NZMS 260 S17:176-825 to source	Whio
		Piropiro Stream	From the confluence with the Maramataha River at approx. NZMS 260 S17:251-804 to source	Whio
		Paupangonui Stream	From the confluence with the Piropiro River at approx. NZMS 260 S17:265-819 to source	Whio
		Totara Stream	From the confluence with the Maramataha River at approx. NZMS 260 S18:271-796 to source	Whio
Unnamed Maramataha River Tributary		From the confluence with the Maramataha River at approx. NZMS 260 S18:273-793 to source	Whio	
Lower Ongarue (Whai_2g)	Opotiki Stream	From approx. NZMS 260 S18:022-633 to source	Shortjaw kokopu	

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

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>Site</i>	<i>Locality Description</i>	<i>Species</i>
<b>Te Maire (Whai_3)</b>	Te Maire (Whai_3)	Motutara Stream	From the confluence with Whanganui River at approx. NZMS 260 S19:000-488 to source	Shortjaw kokopu
<b>Middle Whanganui (Whai_4)</b>	Middle Whanganui (Whai_4a)	Whanganui River Tributary	From the confluence with the Whanganui River at approx. NZMS 260 S19:939-422 to source	Shortjaw kokopu
	Retaruke (Whai_4d)	Retaruke River	From the confluence with the Whanganui River at approx. NZMS 260 R19:890-309 to approx. NZMS 260 S19:072-213	Whio
		Horomea Stream	From approx. NZMS 260 S19:947-252 to source	Whio
		Morinui Stream	From approx. NZMS 260 S19:954-233 to source	Whio
<b>Pipiriki (Whai_5)</b>	Pipiriki (Whai_5a)	Mangapurua Stream and tributaries	From approx. NZMS 260 R20:800-117 to source	Whio
		Mangatiti Stream and tributaries	From approx. NZMS 260 R20:832-079 to source	Whio
		Kaiwhakauka Stream	From approx. NZMS 260 R19:878-305 to source	Whio
		Puketapu Stream	From the confluence with the Whanganui River at approx. NZMS 260 R20:737-180 to source	Redfin bully
		Whanganui River Tributary	From the confluence with the Whanganui River at approx. NZMS 260 R20:793-115 to source	Redfin bully
		Puawa Stream	From the confluence with the Whanganui River at approx. NZMS 260 R20:819-058 to source	Redfin bully
		Mangaio Stream and tributaries	From the confluence with the Whanganui River at approx. NZMS 260 R20:839-955 to source	Whio and redfin bully
	Tangarakau (Whai_5b)	Waitaanga Stream Tributary	From the confluence with the Waitaanga Stream at approx. NZMS 260 R18:710-645 to source	Redfin bully
		Heao Stream	From approx. NZMS 260 R18:781-513 to source	Shortjaw kokopu and koaro
		Mangarae Stream	From the confluence with the Mangarae Stream at approx. NZMS 260 R19:732-302 to source	Banded kokopu
		Mangarae Stream Tributary	From approx. NZMS 260 R19:728-288 to source	Banded kokopu
	Whangamomona (Whai_5c)	Tirohanga Stream	From the confluence with the Whangamomona River at approx. NZMS 260 R20:658-157 to source	Shortjaw kokopu
		Awahou Stream	From the confluence with the Marangae Stream at approx. NZMS 260 R19:587-277 to source	Shortjaw kokopu
		Kuri Stream	From approx. NZMS 260 R20:666-190 to source	Shortjaw kokopu
	Upper and Middle Manganui o te Ao (Whai_5d and Whai_5g)	Manganui o te Ao River	From approx. NZMS 260 S20:067-085 to source	Koaro

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

<b>Water Management Zone*</b>	<b>Sub-zone*</b>	<b>Site</b>	<b>Locality Description</b>	<b>Species</b>	
	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 R20:861-980 to source	Whio	
	Makatote (Whai_5e)	Makatote River	From the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:128-119 to source	Koaro and whio	
	Waimarino (Whai_5f)	Waimarino Stream	From the confluence with the Makatote River at approx. NZMS 260 S20:129-120 to the confluence with the Makomiko Stream at approx. NZMS 260 S20:128-119	Whio	
	Middle Manganui o te Ao (Whai_5g)	Makomiko Stream	From the confluence with the Waimarino Stream at approx. NZMS 260 S20:153-168 to source	Koaro	
		Manganui o te Ao River Tributary	From the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:068-099 to source	Whio	
	Mangaturuturu (Whai_5h)	Mangaturuturu River and tributaries	From the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:056-067 to source	Banded kokopu and whio	
		Mangaturuturu River Tributary	From the confluence with the Mangaturuturu River at approx. NZMS 260 S20:161-083 to source	Koaro	
	Lower Manganui o te Ao (Whai_5e)	Ruatiti Stream	From the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:993-080 to source	Whio and shortjaw kokopu	
		Makino Stream Tributary	From approx. NZMS 260 S20:011-130 to source	Shortjaw kokopu and koaro	
		Ohangaia Stream	From the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:919-021 to source	Redfin bully	
		Orautoha	From the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:027-067 to source	Whio	
	Orautoha (Whai_5j)	Kaukore Stream	From the confluence with the Whanganui River at approx. NZMS 260 R21:859-894 to source	Shortjaw kokopu, redfin bully, koaro	
	<b>Paetawa (Whai_6)</b>	Paetawa (Whai_6)	Whanganui River	From approx. NZMS 260 R21:861-858 to approx. NZMS 260 R21:861-892	Redfin bully
			Riripo Stream	From the confluence with the Whanganui River at approx. NZMS 260 S21:915-777 to source	Redfin bully
			Otoporiki Stream	From the confluence with the Whanganui River at approx. NZMS 260 S21:950-696 to source	Redfin bully
Taupiri Stream			From the confluence with the Whanganui River at approx. NZMS 260 S21:942-624 to source	Redfin bully	
Whauteihi Stream			From the confluence with Whanganui River at approx. NZMS 260 S22:959-577 to source	Bluegill bully	

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

<b>Water Management Zone*</b>	<b>Sub-zone*</b>	<b>Site</b>	<b>Locality Description</b>	<b>Species</b>
<b>Lower Whanganui (Whai_7)</b>	Lower Whanganui (Whai_7a)	Kauarapaoa Stream	From approx. NZMS 260 S22:900-558 to source	Redfin bully
	Upokongaro (Whai_7c)	Mongotai Stream	From the confluence with the Upokongaro Stream at approx. NZMS 260 S22:958-511 to source	Lamprey
<b>Upper Whangaehu (Whau_1)</b>	Upper Whangaehu (Whau_1a)	Unnamed Tributary of the Whangaehu River	From approx. NZMS 260 T20:410-019 to source	Whio
		Makahikatoa Stream and tributaries	From approx. NZMS 260 T20:396-008 to source	Whio
		Wahianoa Stream	From approx. NZMS 260 T20:365-039 to source	Whio
	Tokiahuru (Whau_1c)	Unnamed Tributary of the Tokiahuru Stream	From approx. NZMS 260 T20:341-027 to source	Whio
		Unnamed Tributary of the Unuunuakapuataeriki Stream	From approx. NZMS 260 T20:329-989 to source	Whio
		Unuunuakapuataeriki Stream and tributaries	From approx. NZMS 260 T20:312-960 to source	Whio
<b>Lower Whangaehu (Whau_3)</b>	Lower Whangaehu (Whau_3a)	Taukoro Stream	From the confluence with the Mangawhero River at approx. NZMS 260 S22:083-566 to source	Koaro
	Upper Mangawhero (Whau_3d)	Mangawhero River	From approx. NZMS 260 S20:179-978 (Ohakune) to source	Whio
		Taonui Stream	From approx. NZMS 260 S20:135-009 to approx. NZMS 260 S20:160-021	Whio
	Lower Mangawhero (Whau_3e)	Mangawhero River	From approx. NZMS 260 S21:067-875 to approx. NZMS 260 S20:080-903	Whio
<b>Turakina (Tura_1)</b>	Lower Turakina (Tura_1b)	Turakina River Tributary	From the confluence with the Turakina River at approx. NZMS 260 S22:090-361 to approx. NZMS 260 S22:104-350	Redfin bully
<b>Ohau (Ohau_1)</b>	Upper Ohau (Ohau_1a)	Waiti Stream	From the confluence with the Ohau River at approx. NZMS 260 S25:118-604 to source	Redfin bully
	Upper and Lower Ohau (Ohau_1a and Ohau_1b)	Ohau River	From approx. NZMS 260 S25:061-575 to approx. NZMS 260 S25:098-588	Redfin bully, bluegill bully and banded kokopu
		Ohau River	From approx. NZMS 260 S25:982-578 to approx. NZMS 260 S25:039-574	Redfin bully
	Lower Ohau (Ohau_1b)	Makorokio Stream	From the confluence with the Ohau River at approx. NZMS 260 S25:018-563 to source	Redfin bully, lamprey and shortjaw kokopu
<b>Owahanga (Owha_1)</b>	Owahanga (Owha_1)	Owahanga River	From approx. NZMS 260 U25:902-585 to approx. NZMS 260 U25:889-568	Redfin bully
		Pongaroa River	From approx. NZMS 260 U24:778-708 to source	Redfin bully and shortjaw kokopu
<b>East Coast (East_1)</b>	East Coast (East_1)	Waimata River	From the cross-river CMA boundary at approx. NZMS 260 U25:058-691 to approx. NZMS 260 U24:051-710	Redfin bully



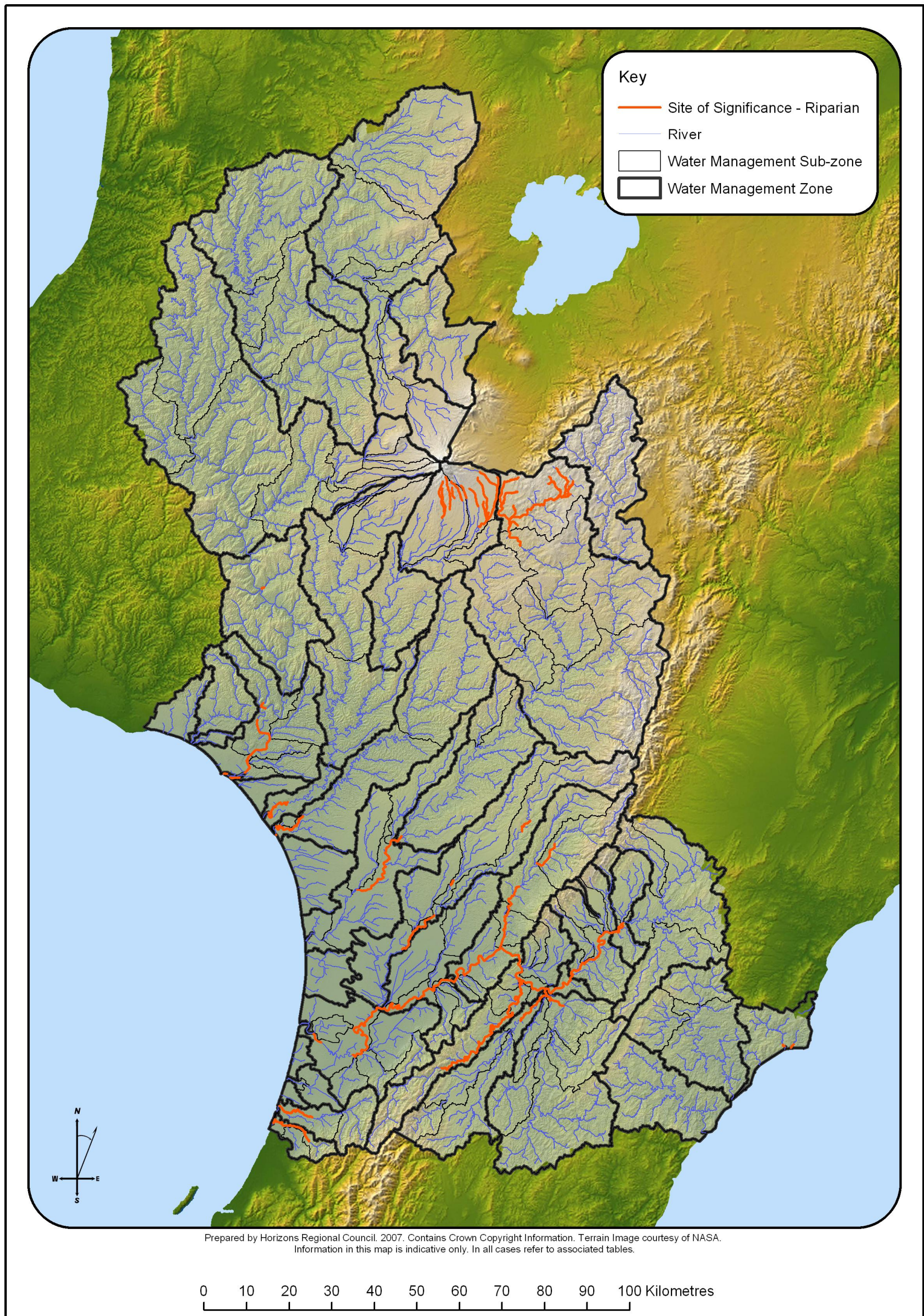
**Table AB.3: Sites of Significance - Aquatic (SOS-A) Value in the Region**

<b>Water Management Zone*</b>	<b>Sub-zone*</b>	<b>Site</b>	<b>Locality Description</b>	<b>Species</b>
		Papuka Stream	From the cross-river CMA boundary at approx. NZMS 260 U24:076-705 to approx. NZMS 260 U24:072-723	Redfin bully
		Wainui River	From approx. NZMS 260 V24:112-752 to approx. NZMS 260 V24:102-771	Redfin bully
<b>Akitio (Akit_1)</b>	Upper Akitio (Akit_1a)	Akitio River Tributary	From the confluence with the Akitio River at approx. NZMS 260 U24:955-866 to source	Banded kokopu
	Lower Akitio (Akit_1b)	Middle Creek	From the confluence with the Akitio River at approx. NZMS 260 U25:986-654 to source	Redfin bully and banded kokopu
		Wakawaihine Stream	From the confluence with the Akitio River at approx. NZMS 260 U25:985-657 to approx. NZMS 260 U25:990-677	Redfin bully
		Wakawaihine Stream Tributary	From approx. NZMS 260 U25:998-696 to source	Redfin bully
<b>Northern Coastal (West_1)</b>	Northern Coastal (West_1)	Okehu Stream	From approx. NZMS 260 R22:713-495 to approx. NZMS 260 R22:731-531	Redfin bully
<b>Mowhanau (West_3)</b>	Mowhanau (West_3)	Mowhanau Stream	From the cross-river CMA boundary at NZMS 260 R22:2672640-6144895 to approx. NZMS 260 R22:743-462	Redfin bully
<b>Southern Whanganui Lakes (West_5)</b>	Southern Whanganui Lakes (West_5)	Unnamed Stream Santoft Forest	From the cross-river CMA boundary at approx. NZMS 260 S23:954-173 to Lake Koitiata at approx. NZMS 260 S23:973-185	Banded kokopu
		Waimahora Stream	From the cross-river CMA boundary at approx. NZMS 260 S23:961-153 to approx. NZMS 260 S23:989-154	Banded kokopu
<b>Northern Manawatu Lakes (West_6)</b>	Northern Manawatu Lakes (West_6)	Kaikokopu Stream	From the cross-river CMA boundary at approx. NZMS 260 S24:992-905 to approx. NZMS 260 S24:009-902	Redfin bully
<b>Lake Papaitonga (West_8)</b>	Lake Papaitonga (West_8)	Lake Papaitonga	Lake Papaitonga Wetland at approx. NZMS 260 S25:991-600	Brown mudfish
		Lake Papaitonga and tributaries	From the confluence with Lake Papaitonga and Waiwiri Stream at approx. NZMS 260 S25:977-600 to source	Banded kokopu
<b>Waikawa (West_9)</b>	Waikawa (West_9)	Panatewaewae Stream	From the confluence with the Waikawa Stream at approx. NZMS 260 S25:017-498 to source	Koaro
		Waikawa Stream	Waikawa Stream mainstem from the cross-river CMA boundary at NZMS 260 S25:2691531-6055429 to source	Shortjaw kokopu and redfin bully
<b>Lake Horowhenua (Hoki_1)</b>	Lake Horowhenua (Hoki_1a)	Patiki Stream	From the confluence with Lake Horowhenua at approx. NZMS 260 S25:019-642 to source	Giant kokopu

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



### Sites of Significance - Riparian (SOS-R) Value



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



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

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River<sup>A</sup></i>	<i>Locality Description</i>	<i>Riparian Habitat Value</i>
<b>Weber-Tamaki (Mana_2)</b>	Weber-Tamaki (Mana_2a)	Manawatu River	From approx. NZMS 260 U23:708-003 to approx. NZMS 260 U23:737-025 (confluence with Mangatera Stream)	Gravel and sand (dotterel)
<b>Tamaki-Hopelands (Mana_5)</b>	Tamaki-Hopelands (Mana_5a)	Manawatu River	From approx. NZMS 260 T24:614-897 to approx. NZMS 260 U23:708-003	Gravel and sand (dotterel)
<b>Hopelands-Tiraumea (Mana_6)</b>	Hopelands-Tiraumea (Mana_6)	Manawatu River	From the confluence with the Tiraumea River at approx. NZMS 260 T24:553-871 to approx. NZMS 260 T24:614-897	Gravel and sand (dotterel)
<b>Tiraumea (Mana_7)</b>	Lower Tiraumea (Mana_7b)	Tiraumea River	From the confluence with the Manawatu River at approx. NZMS 260 T24:553-871 to the confluence with the Makairo Stream at approx. NZMS 260 T24:597-831	Gravel and sand (dotterel)
<b>Mangatainoka (Mana_8)</b>	Lower Mangatainoka (Mana_8c)	Mangatainoka River	From the confluence with the Tiraumea River at approx. NZMS 260 T24:557-856 to approx. NZMS 260 T24:495-786	Gravel and sand (dotterel)
<b>Upper Gorge (Mana_9)</b>	Upper Gorge (Mana_9a)	Manawatu River	From the Manawatu Gorge at approx. NZMS 260 T24:495-938 to the confluence with the Tiraumea River at approx. NZMS 260 T24:553-871	Gravel and sand (dotterel)
	Upper Mangahao (Mana_9d)	Mangahao River	From approx. NZMS 260 T24:469-826 to approx. NZMS 260 T25:309-684	Gravel and sand (dotterel)
	Lower Mangahao (Mana_9e)	Mangahao River	From the confluence with the Manawatu River at approx. NZMS 260 T24:496-892 to approx. NZMS 260 T24:469-826	Gravel and sand (dotterel)
<b>Middle Manawatu (Mana_10)</b>	Middle Manawatu (Mana_10a)	Manawatu River	From Teachers College at approx. NZMS 260 T24:332-891 to the Manawatu Gorge at approx. NZMS 260 T24:495-938	Gravel and sand (dotterel)
	Upper Pohangina (Mana_10b)	Pohangina River	From approx. NZMS 260 T23:534-168 to approx. NZMS 260 T23:577-213	Gravel and sand (dotterel)
	Middle Pohangina (Mana_10c)	Pohangina River	From approx. NZMS 260 T23:464-043 to approx. NZMS 260 T23:493-113	Gravel and sand (dotterel)
	Lower Pohangina (Mana_10d)	Pohangina River	From the confluence with the Manawatu River at approx. NZMS 260 T24:448-965 to approx. NZMS 260 T23:464-043	Gravel and sand (dotterel)
<b>Lower Manawatu (Mana_11)</b>	Lower Manawatu (Mana_11a)	Manawatu River	From the confluence with the Oroua River at approx. NZMS 260 S24:164-825 to Teachers College at approx. NZMS 260 T24:332-891	Gravel and sand (dotterel)
<b>Oroua (Mana_12)</b>	Upper Oroua (Mana_12a)	Oroua River	From approx. NZMS 260 T23:500-242 to approx. NZMS 260 T23:519-267	Gravel and sand (dotterel)
	Middle Oroua (Mana_12b)	Oroua River	From approx. 200 m upstream of SH3 bridge at approx. NZMS 260 S23:243-005 to SH54 bridge at approx. NZMS 260 S23:293-044	Gravel and sand (dotterel)
	Lower Oroua (Mana_12c)	Oroua River	From approx. 300 m upstream of Kopane Bridge at approx. NZMS 260 S24:218-965 to approx. 200 m upstream of SH3 bridge at approx. NZMS 260 S23:243-005	Gravel and sand (dotterel)

Table AB.4: Sites of Significance - Riparian (SOS-R) Value in the Region				
Water Management Zone*	Sub-zone*	River <sup>^</sup>	Locality Description	Riparian Habitat Value
	Kiwitea (Mana_12d)	Kiwitea Stream	From approx. NZMS 260 T23:332-116 to approx. NZMS 260 T23:339-127	Gravel and sand (dotterel)
Coastal Manawatu (Mana_13)	Coastal Manawatu (Mana_13a)	Manawatu River	From the cross-river CMA boundary at NZMS 260 S24:2700963-6076686 to approx. 100 m downstream of the SH1 bridge at approx. NZMS 260 S24:027-744	Gravel and sand (dotterel) Mud/silt habitat and estuarine roosts (waders)
			From approx. NZMS 260 S24:101-715 to the confluence with the Oroua River at approx. NZMS 260 S24:164-825	Gravel and sand (dotterel)
Middle Rangitikei (Rang_2)	Upper Moawhango (Rang_2c)	Moawhango River and tributaries	From approx. NZMS 260 T20:468-948 to source	Gravel and sand (dotterel)
	Middle Moawhango (Rang_2d)	Moawhango River	From approx. NZMS 260 T20:495-916 to approx. NZMS 260 T20:468-948	Gravel and sand (dotterel)
Lower Rangitikei (Rang_3)	Lower Rangitikei (Rang_3a)	Rangitikei River	From approx. NZMS 260 S23:200-221 to approx. NZMS 260 S23:217-231	Gravel and sand (dotterel)
Coastal Rangitikei (Rang_4)	CoastalRangitikei (Rang_4a)	Rangitikei River	From approx. NZMS 260 S23:111-104 to approx. NZMS 260 S23:200-221	Gravel and sand (dotterel)
Paetawa (Whai_6)	Paetawa (Whai_6)	Mangoihe Stream	From the confluence with the Whanganui River at approx. NZMS 260 R21:889-813 to 1 km upstream of Jerusalem at approx. NZMS 260 R21:894-818	Nankeen night heron roosts
Lower Whanganui (Whai_7)	Lower Whanganui (Whai_7a)	Whanganui River	From the confluence of the Whanganui River and the Kauarapaoa Stream at approx. NZMS 260 R22:886-537 to 1 km upstream at approx. NZMS 260 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 1 km upstream at approx. NZMS 260 R22:891-544	Nankeen night heron roosts
		Whanganui River	From approx. NZMS 260 R22:861-422 to approx. NZMS 260 R26:878-505 (near Kaiwhaiki)	Mud/silt habitat and estuarine roosts (waders)
	Coastal Whanganui (Whai_7b)	Whanganui River and Estuary	From the cross-river CMA boundary at NZMS 260 R22:2684857-6138015 to SH3 Bridge at approx. NZMS 260 R22:861-422	Gravel and sand (dotterel) Mud/silt habitat and estuarine roosts (waders)
Upper Whangaehu (Whau_1)	Upper Whangaehu (Whau_1a)	Whangaehu River and tributaries	From approx. NZMS 260 T20:397-960 to source	Gravel and sand (dotterel)
		Makahikatoa Stream and tributaries	From approx. NZMS 260 T20:396-008 to source	Gravel and sand (dotterel)
		Wahianoa Stream	From approx. NZMS 260 T20:370-024 to source	Gravel and sand (dotterel)
	Tokiahuru (Whau_1c)	Unnamed tributary of the Tokiahuru Stream	From approx. NZMS 260 T20:359-022 to source	Gravel and sand (dotterel)
		Unnamed tributary of the Tokiahuru Stream	From approx. NZMS 260 T20:341-027 to source	Gravel and sand (dotterel)

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

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River<sup>^</sup></i>	<i>Locality Description</i>	<i>Riparian Habitat Value</i>
		Unnamed tributary of the Te Ununuakapuataeariki Stream	From approx. NZMS 260 T20:329-999 to source	Gravel and sand (dotterel)
		Te Ununuakapuataeariki Stream and tributaries	From approx. NZMS 260 T20:311-980 to source	Gravel and sand (dotterel)
<b>Coastal Whangaehu (Whau_4)</b>	Coastal Whangaehu (Whau_4)	Whangaehu River	From the cross-river CMA boundary at NZMS 260 S23:2690359-6128748 to the SH3 Bridge at approx. NZMS 260 S23:949-311	Gravel and sand (dotterel) Mud/silt habitat and estuarine roosts (waders)
<b>Turakina (Tura_1)</b>	Lower Turakina (Tura_1b)	Turakina River	From the cross-river CMA boundary at NZMS 260 S23:2692145-6125465 to the SH3 Bridge at approx. NZMS 260 S23:985-279	Gravel and sand (dotterel) Mud/silt habitat and estuarine roosts (waders)
<b>Ohau (Ohau_1)</b>	Lower Ohau (Ohau_1b)	Ohau River	From the cross-river CMA boundary at NZMS 260 S25:2692921-6059503 to approx. NZMS 260 S25:007-569	Gravel and sand (dotterel) Mud/silt habitat and estuarine roosts (waders)
<b>East Coast (East_1)</b>	East Coast (East_1)	Wainui River	From the cross-river CMA boundary at NZMS 260 V24:2811596-6073518 to approx. NZMS 260 V24:113-738	Mud/silt habitat and estuarine roosts (waders)
		Tuatane Stream	From approx. NZMS 260 V24:132-730 to approx. NZMS 260 V24:136-737	Mud/silt habitat and estuarine roosts (waders)
<b>Waikawa (West_9)</b>	Waikawa (West_9a)	Waikawa Stream	From the cross-river CMA boundary at NZMS 260 S25:2691531-6055429 to approx. NZMS 260 S25:000-511	Gravel and sand (dotterel) Mud/silt habitat and estuarine roosts (waders)

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





**Inanga Spawning (IS) Value**



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



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

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River<sup>^</sup></i>	<i>Locality Description</i>
<b>Coastal Manawatu (Mana_13)</b>	Coastal Manawatu (Mana_13a)	Manawatu River	From the cross-river CMA boundary at NZMS 260 S24:2700963-6076686 to a point 100 m upstream
		Whitebait Creek	From the confluence with the Manawatu River at approx. NZMS 260 S24:982-791 to source
<b>Coastal Rangitikei (Rang_4)</b>	Tidal Rangitikei (Rang_4b)	Rangitikei River	From the cross-river CMA boundary at NZMS 260 S23:2700960-6100119 to a point 100 m upstream
<b>Lower Whanganui (Whai_7)</b>	Lower Whanganui (Whai_7a)	Mateongaonga Stream	From the confluence with the Whanganui River at approx. NZMS 260 R22:876-434 to Kaimatira Road at approx. NZMS 260 R22:889-422
	Coastal Whanganui (Whai_7b)	Whanganui River	From the cross-river CMA boundary at NZMS 260 R22:2684857-6138015 to a point 100 m upstream
		Stream opposite Corliss Island	From the confluence with the Whanganui River at approx. NZMS 260 R22:836-374 to SH3 at approx. NZMS 260 R22:862-370
		Omapu Stream	From the cross-river CMA boundary to a point 1 km upstream at approx. NZMS 260 R22:750-441
Matarawa (Whai_7d)	Matarawa Stream	From the confluence with the Whanganui River at approx. NZMS 260 R22:858-398 to Ikitara Road at approx. NZMS 260 R22:869-409	
<b>Coastal Whangaehu (Whau_4)</b>	Coastal Whangaehu (Whau_4)	Whangaehu River	From the cross-river CMA boundary at NZMS 260 S23:2690359-6128748 to approx. NZMS 260 S22:915-300
<b>Ohau (Ohau_1)</b>	Lower Ohau (Ohau_1b)	Ohau River	From the cross-river CMA boundary at NZMS 260 S25:2692921-6059503 to approx. NZMS 260 S25:948-579
		Lake Waitaha Drain	From the confluence with the Ohau River at approx. NZMS 260 S25:946-580 to the Lake Waitaha outlet at approx. NZMS 260 S25:954-605
<b>Akitio (Akit_1)</b>	Lower Akitio (Akit_1b)	Akitio River	From the cross-river CMA boundary at NZMS 260 U25:2799657-6061852 to a point 100 m upstream
		Wakawaihine Stream	From the confluence with the Akitio River at approx. NZMS 260 U25:985-657 to a point approx. 2 km upstream at approx. NZMS 260 U25:989-670
<b>Northern Coastal (West_1)</b>	Northern Coastal (West_1)	Okehu Stream	From the cross-river CMA boundary to the intersection with SH3 at approx. NZMS 260 R22:717-510

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

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River<sup>^</sup></i>	<i>Locality Description</i>
<b>Kai Iwi (West_2)</b>	Kai Iwi (West_2)	Kai Iwi Stream	From the cross-river CMA boundary at NZMS 260 R22:2672262-6145059 to approx. NZMS 260 R22:721-519
<b>Mowhanau (West_3)</b>	Mowhanau (West_3)	Mowhanau Stream	From the cross-river CMA boundary at NZMS 260 R22:2672640-6144895 to Rapanui Road at approx. NZMS 260 R22:731-452
<b>Kaitoke Lakes (West_4)</b>	Kaitoke Lakes (West_4)	Kaitoke Stream	From the cross-river CMA boundary to Kaitoke Lake at approx. NZMS 260:R22:869-358
<b>Southern Whanganui Lakes (West_5)</b>	Southern Whanganui Lakes (West_5)	Koitiata Stream	From the cross-river CMA boundary to a point 5 km upstream at approx. NZMS 260 S23:987-191
		Waimahora Stream	From the cross-river CMA boundary to intersection with Santoft Rd at approx. NZMS 260 S23:001-154
		Raumi Range Stream	From the cross-river CMA boundary to source
<b>Northern Manawatu Lakes (West_6)</b>	Northern Manawatu Lakes (West_6)	Kaikokopu Stream	From the cross-river CMA boundary to Lake Kaikokopu at approx. NZMS 260 S24:019-899
		4 Mile Creek	From the cross-river CMA boundary to Lake Pukepuke at approx. NZMS 260 S24:024-937
<b>Lake Papaitonga (West_8)</b>	Lake Papaitonga (West_8)	Waiwiri Stream	From the cross-river CMA boundary to a point 500 m upstream at approx. NZMS 260 S25:939-618
<b>Lake Horowhenua (West_9)</b>	Hokio (Hoki_1b)	Hokio Stream	From the cross-river CMA boundary at NZMS 260 S25:2694967-6065799 to 100 m upstream

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

**Whitebait\* Migration (WM) Value**



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



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

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River^</i>	<i>Locality Description</i>
<b>Coastal Manawatu (Mana_13)</b>	Coastal Manawatu (Mana_13a)	Manawatu River	From the cross-river CMA boundary at NZMS 260 S24:2700963-6076686 to the Foxton Shannon Road bridge at approx. NZMS 260 S24:133-727
		Holben Parade Creek	From the confluence with the Manawatu River at approx. NZMS 260 S24:981-789 to the intersection with Seabury Avenue at approx. NZMS 260 S24:986-800
		Whitebait Creek	From the confluence with the Manawatu River at approx. NZMS 260 S24:982-791 to source
<b>Coastal Rangitikei (Rang_4)</b>	Tidal Rangitikei (Rang_4b)	Rangitikei River	From the cross-river CMA boundary at NZMS 260 S23:2700960-6100119 to a point 100 m upstream
<b>Lower Whanganui (Whai_7)</b>	Lower Whanganui (Whai_7a)	Kauarapaoa Stream	From the confluence with the Whanganui River at approx. NZMS 260 R22:886-537 to the intersection with McNab's Access Road at approx. NZMS 260 S22:900-559
		Mateongaonga Stream	From the confluence with the Whanganui River at approx. NZMS 260 R22:876-434 to the intersection with Riverbank Road at approx. NZMS 260 R22:877-433
	Lower/Coastal Whanganui (Whai_7a and Whai_7b)	Whanganui River	From the cross-river CMA boundary at NZMS 260 R22:2684857-6138015 to Parikino at approx. NZMS 260 S22:936-551
	Coastal Whanganui (Whai_7b)	Stream opposite Corliss Island	From the confluence with the Whanganui River at approx. NZMS 260 R22:835-374 to the intersection with Wikitoria Road at approx. NZMS 260 R22:849-371
		Omapu Stream	From the cross-river CMA boundary to a point 1 km upstream at approx. NZMS 260 R22:750-441
Matarawa (Whai_7d)	Matarawa Stream	From the confluence with the Whanganui River at approx. NZMS 260 R22:858-398 to the intersection with Ikitara Road at approx. NZMS 260 R22:869-409	
<b>Coastal Whangaehu (Whau_4)</b>	Coastal Whangaehu (Whau_4)	Whangaehu River	From the cross-river CMA boundary at NZMS 260 S23:2690359-6128748 to the SH3 bridge at approx. NZMS 260 S22:950-310
<b>Ohau (Ohau_1)</b>	Lower Ohau (Ohau_1b)	Ohau River	From the cross-river CMA boundary at NZMS 260 S25:2692921-6059503 to approx. NZMS 260 S25:948-579
		Lake Waitaha Drain	From the confluence with the Ohau River at approx. NZMS 260 S25:946-580 to the Lake Waitaha outlet at approx. NZMS 260 S25:954-605
<b>Akitio</b>	Lower Akitio	Akitio River	From the cross-river CMA boundary at NZMS 260 U25:2799657-6061852 to a point 100 m upstream

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

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River^</i>	<i>Locality Description</i>
<b>(Akit_1)</b>	(Akit_1b)	Wakawaihine Stream	From the confluence with the Akitio River at approx. NZMS 260 U25:985-657 to a point approx. 2 km upstream at approx. NZMS 260 U25:989-670
<b>Northern Coastal (West_1)</b>	Northern Coastal (West_1)	Okehu Stream	From the cross-river CMA boundary to the intersection with SH3 at approx. NZMS 260 R22:717-510
<b>Kai Iwi (West_2)</b>	Kai Iwi (West_2)	Kai Iwi Stream	From the cross-river CMA boundary at NZMS 260 R22:2672262-6145059 to the intersection with SH3 at approx. NZMS 260 R22:749-492
<b>Mowhanau (West_3)</b>	Mowhanau (West_3)	Mowhanau Stream	From the cross-river CMA boundary at NZMS 260 R22:2672640-6144895 to approx. NZMS 260 R22:736-452
<b>Kaitoke Lakes (West_4)</b>	Kaitoke Lakes (West_4)	Kaitoke Stream	From the cross-river CMA boundary to Kaitoke Lake at approx. NZMS 260 R22:869-358
<b>Southern Whanganui Lakes (West_5)</b>	Southern Whanganui Lakes (West_5)	Koitiata Stream	From the cross-river CMA boundary to a point 5 km upstream at approx. NZMS 260 S23:987-191
		Waimahora Stream	From the cross-river CMA boundary to the intersection with Santoft Rd at approx. NZMS 260 S23 001-154
		Raumai Range Stream	From the cross-river CMA boundary at approx. NZMS 260:S23:979-081 to source
<b>Northern Manawatu Lakes (West_6)</b>	Northern Manawatu Lakes (West_6)	Kaikokopu Stream	From the cross-river CMA boundary to Lake Kaikokopu at approx. NZMS 260 S24:019-899
		4 Mile Creek	From the cross-river CMA boundary to a point 100 m upstream at approx. NZMS 260 S24:024-937
<b>Lake Papaitonga (West_8)</b>	Lake Papaitonga (West_8)	Waiwiri Stream	From the cross-river CMA boundary to a point 500 m upstream at approx. NZMS 260 S25:939-618
<b>Lake Horowhenua (Hoki_1)</b>	Hokio (Hoki_1b)	Hokio Stream	From the cross-river CMA boundary at NZMS 260 S25:2694967-6065799 to Lake Horowhenua

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



Sites of Significance - Cultural (SOS-C)

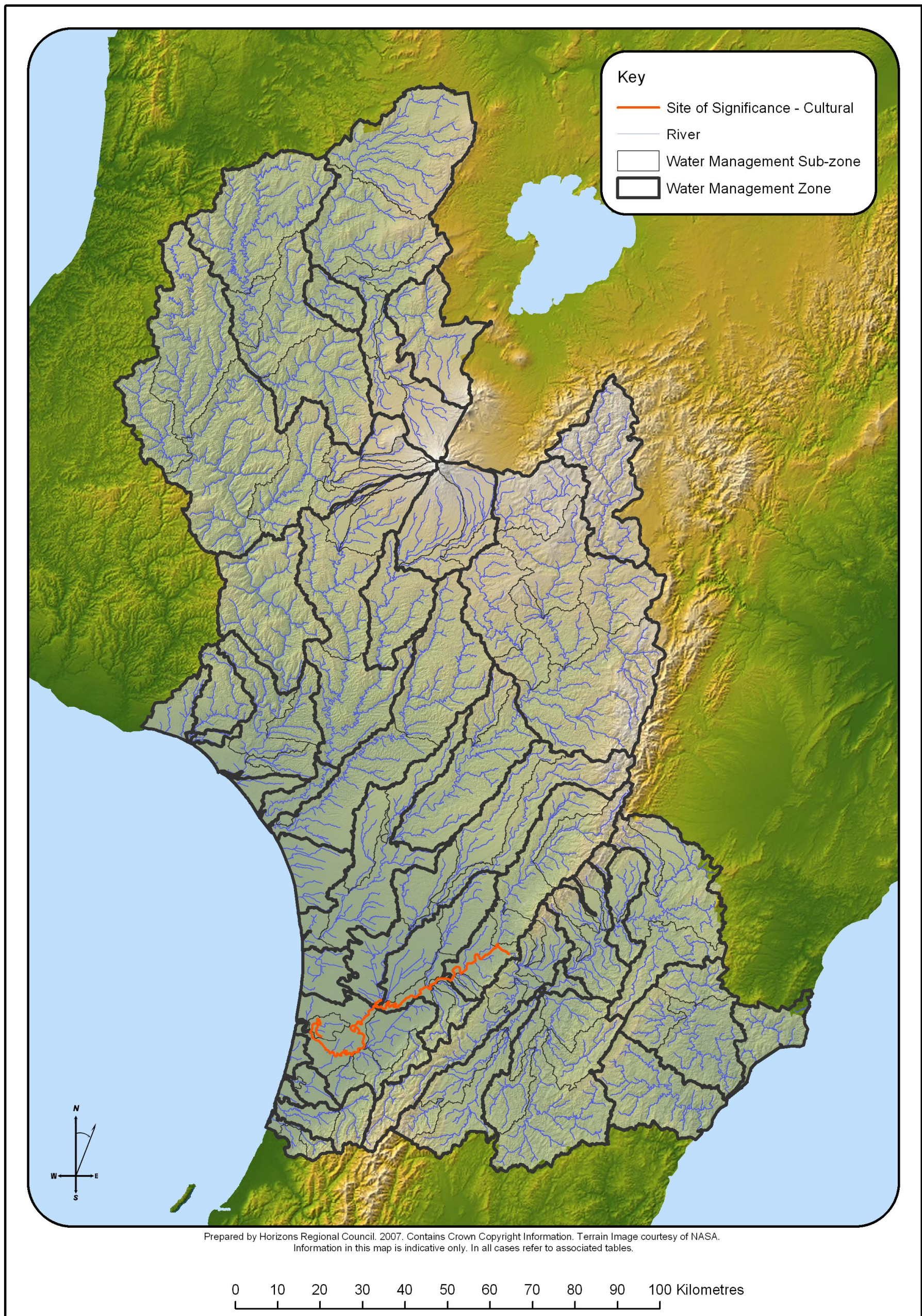


Figure AB:7 Visual Guide to the Distribution of the Sites of Significance - Cultural (SOS-C) Value



**Table AB.7: Sites of Significance - Cultural (SOS-C) Value in the Region**

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River<sup>A</sup></i>	<i>Locality Description<sup>1</sup></i>	<i>Reason</i>	<i>Iwi</i>
<b>Middle, Lower and Coastal Manawatu (Mana_10, Mana_11 and Mana_13)</b>	Middle, Lower and Coastal Manawatu (Mana_10a, Mana_11a and Mana_13a)	Manawatu River	Specific <i>sites*</i> within the reach from the cross-river CMA boundary at NZMS 260 S24:2700963-6076686 to approx. NZMS 260 T24:477-949	Density of cultural and historical sites of significance including <i>wāhi tapu*</i> and <i>taonga*</i>	Rangitaane o Manawatu
<b>Middle Manawatu (Mana_10)</b>	Lower Pohangina (Mana_10d)	Pohangina River	Specific <i>sites*</i> within the reach from the confluence with the Manawatu River at approx. NZMS 260 T24:450-966 to approx. NZMS 260 T24:450-973	Density of cultural and historical sites of significance including <i>wāhi tapu*</i> and <i>taonga*</i>	Rangitaane o Manawatu
<b>Lower Oroua (Mana_12)</b>	Lower Oroua (Mana_12c)	Oroua River	Specific <i>sites*</i> within the reach from approx. NZMS 260 S24:164-825 to a point approx. 150 m upstream of the SH56 bridge at approx. NZMS 260 S24:176-842	Density of cultural and historical sites of significance including <i>wāhi tapu*</i> and <i>taonga*</i>	Rangitaane o Manawatu
<b>Coastal Manawatu (Mana_13)</b>	Foxton Loop (Mana_13f)	Foxton Loop	Specific <i>sites*</i> within the reach from the confluence with the Manawatu River at approx. NZMS 260 S24:010-768 to source	Density of cultural and historical sites of significance including <i>wāhi tapu*</i> and <i>taonga*</i>	Rangitaane o Manawatu

<sup>1</sup> Details of the particular location of the *sites\** are available from Rangitaane o Manawatu.



Trout Fishery (TF) Value

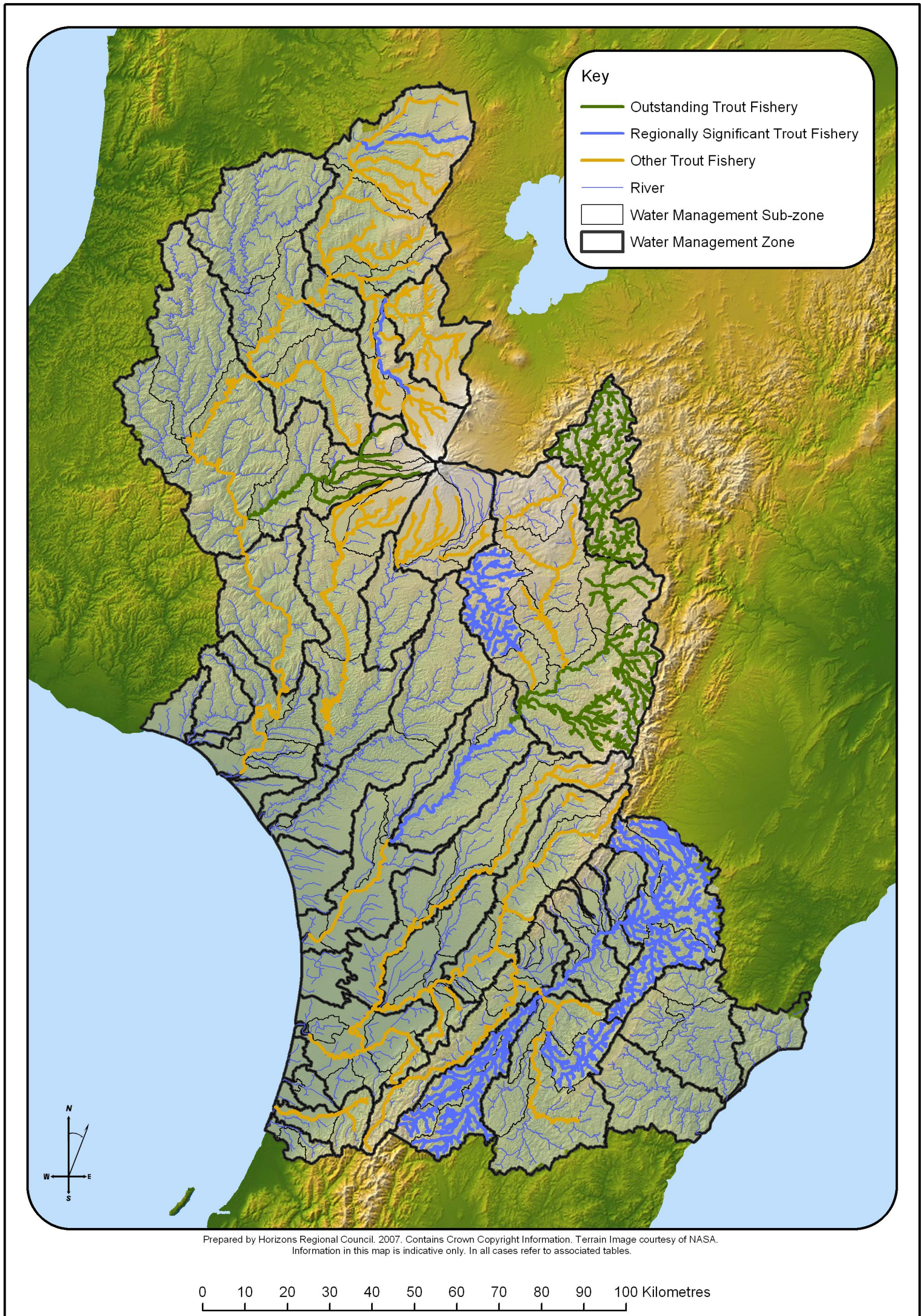


Figure AB:8 Visual Guide to the Distribution of the Trout Fishery (TF) Value



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

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River<sup>A</sup></i>	<i>Locality Description</i>	<i>Classification</i>
<b>Upper Manawatu, Weber-Tamaki, Tamaki-Hopelands and Hopelands-Tiraumea (Mana_1, Mana_2, Mana_3, Mana_5 and Mana_6)</b>	Upper Manawatu, Mangatowainui and Mangatoro, Weber-Tamaki, Tamaki-Hopelands and Hopelands-Tiraumea (Mana_1a, Mana_1b, Mana_1c, Mana_2a, Mana_3, Mana_5a and Mana_6)	Manawatu River	From the confluence with the Tiraumea River at approx. NZMS 260 T24:553-871 to source including all tributaries from the Weber Road recorder at approx. NZMS 260 U23:747-027 to source	Regionally Significant
<b>Tiraumea (Mana_7)</b>	Upper and Lower Tiraumea (Mana_7a and Mana_7b)	Tiraumea River	From the confluence with the Manawatu River at approx. NZMS 260 T24:553-871 to source	Other Trout Fishery
	Lower Tiraumea (Mana_7b)	Makairo Stream	From approx. NZMS 260 T24:598-831 to source	Other Trout Fishery
	Makuri (Mana_7d)	Makuri River and tributaries	From the confluence with the Tiraumea River at approx. NZMS 260 T24:568-771 to source	Regionally Significant
<b>Mangatainoka (Mana_8)</b>	Upper, Middle and Lower Mangatainoka and Makakahi (Mana_8a, Mana_8b, Mana_8c and Mana_8d)	Mangatainoka River and tributaries	From the confluence with the Tiraumea River at approx. NZMS 260 T24:556-854 to source	Regionally Significant
<b>Upper Gorge (Mana_9)</b>	Upper Gorge (Mana_9a)	Manawatu River	From approx. NZMS 260 T24:495-938 to the confluence with the Tiraumea River at approx. NZMS 260 T24:553-871	Other Trout Fishery
	Upper and Lower Mangahao (Mana_9d and Mana_9e)	Mangahao River	From the confluence with the Manawatu River at approx. NZMS 260 T24:496-892 to source	Other Trout Fishery
<b>Middle Manawatu (Mana_10)</b>	Middle Manawatu (Mana_10a)	Manawatu River	From approx. NZMS 260 T24:332-890 to approx. NZMS 260 T24:495-938	Other Trout Fishery
	Upper, Middle and Lower Pohangina (Mana_10b, Mana_10c and Mana_10d)	Pohangina River	From the confluence with the Manawatu River at approx. NZMS 260 T24:449-966 to source	Other Trout Fishery
	Middle Pohangina (Mana_10c)	Makiekie (Coal) Creek	From the confluence with the Pohangina River at approx. NZMS 260 T23:528-166 to source	Other Trout Fishery
<b>Lower Manawatu (Mana_11)</b>	Lower Manawatu (Mana_11a)	Manawatu River	From approx. NZMS 260 T24:332-890 to Oroua confluence at approx. NZMS 260 S24:164-825	Other Trout Fishery
	Turitea (Mana_11b)	Turitea Stream	From approx. 800 m downstream of the Old West Road bridge at approx. NZMS 260 T24:331-875 to approx. NZMS 260 T24:363-825	Other Trout Fishery

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

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River<sup>^</sup></i>	<i>Locality Description</i>	<i>Classification</i>
	Kahuterawa (Mana_11c)	Kahuterawa Stream	From the confluence with the Manawatu River at approx. NZMS 260 S24:293-871 to source	Other Trout Fishery
<b>Oroua (Mana_12)</b>	Upper, Middle and Lower Oroua (Mana_12a, Mana_12b and Mana_12c)	Oroua River	From the confluence with the Manawatu River at approx. NZMS 260 S24:164-826 to approx. NZMS 260 U22:729-400	Other Trout Fishery
	Upper Oroua (Mana_12a)	Mangiora Stream	From the confluence with the Oroua River at approx. NZMS 260 T22:577-379 to source	Other Trout Fishery
	Makino (Mana_12d)	Makino Stream	From the confluence with the Oroua River at approx. NZMS 260 S23:243-005 to approx. NZMS 260 S23:260-037	Other Trout Fishery
<b>Coastal Manawatu (Mana_13)</b>	Coastal Manawatu (Mana_13a)	Manawatu River	From 100 m upstream of the cross-river CMA boundary at NZMS 260 S24:2700963-6076686 to the confluence with the Oroua River at approx. NZMS 260 S24:164-825	Other Trout Fishery
	Upper and Lower Tokomaru (Mana_13c and Mana_13d)	Tokomaru River	From the confluence with the Manawatu River at approx. NZMS 260 S24:132-727 to source	Other Trout Fishery
<b>Upper Rangitikei (Rang_1)</b>	Upper Rangitikei (Rang_1)	Rangitikei River and tributaries	From the Makahikatoa Stream confluence at approx. NZMS 260 U21:725-887 to source	Outstanding
<b>Middle Rangitikei (Rang_2)</b>	Middle Rangitikei (Rang_2a)	Rangitikei River	From approx. NZMS 260 U21:713-707 to the confluence with the Makahikatoa Stream at approx. NZMS 260 U21:725-887	Outstanding
		Porotaiana Stream	From the confluence with the Rangitikei River at approx. NZMS 260 U21:714-878 to source	Outstanding
		Mangaururoa Stream	From the confluence with the Rangitikei River at approx. NZMS 260 U21:710-852 to source	Outstanding
		Whangaipotiki Stream	From the confluence with the Rangitikei River at approx. NZMS 260 U21:700-819 to source	Outstanding
		Mangaohane Stream	From the confluence with the Rangitikei River at approx. NZMS 260 U21:707-818 to source	Outstanding
		Makomiko East Stream	From the confluence with the Rangitikei River at approx. NZMS 260 U21:709-792 to source	Outstanding
		Tamatipama Stream	From the confluence with the Makomiko East Stream at approx. NZMS 260 U21:681-802 to source	Outstanding
		Waiakaha Stream	From the confluence with the Rangitikei River at approx. NZMS 260 U21:707-785 to source	Outstanding



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

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River<sup>^</sup></i>	<i>Locality Description</i>	<i>Classification</i>
		Pokopoko Stream	From the confluence with the Rangitikei River at approx. NZMS 260 U21:722-758 to source	Outstanding
	Pukeokahu-Mangaweka (Rang_2b)	Rangitikei River	From the confluence with the Mangawharariki River at approx. NZMS 260 T22:504-519 to approx. NZMS 260 U21:713-707	Outstanding
		Whakaurekou River and tributaries	From the confluence with the Rangitikei River at approx. NZMS 260 U21:712-690 to source	Outstanding
		Kawhatau River and tributaries	From the confluence with the Rangitikei River at approx. NZMS 260 T22:504-551 to source	Outstanding
	Upper, Middle and Lower Moawhango (Rang_2c, Rang_2d and Rang_2e)	Moawhango River	From the confluence with the Rangitikei River at approx. NZMS 260 T21:609-623 to source	Other Trout Fishery
	Middle Moawhango (Rang_2d)	Aorangi Stream	From the confluence with the Moawhango River at approx. NZMS 260 T21:595-858 to source	Other Trout Fishery
	Lower Moawhango (Rang_2e)	Tikirere Stream	From the confluence with the Moawhango River at approx. NZMS 260 T21:559-741 to source	Other Trout Fishery
	Upper Hautapu (Rang_2f)	Hautapu River and tributaries	From the confluence with the Oraukura Stream at approx. NZMS 260 T21:509-670 to source	Regionally Significant
	Lower Hautapu (Rang_2g)	Hautapu River	From the confluence with the Rangitikei River at approx. NZMS 260 T22:528-573 to the Oraukura Stream confluence at approx. NZMS 260 T22:509-670	Other Trout Fishery
<b>Lower Rangitikei (Rang_2)</b>	Lower Rangitikei (Rang_3a)	Rangitikei River	From the Mangarere Bridge at approx. NZMS 260 T22:483-496 to the confluence with the Mangawharariki River at approx. NZMS 260 T22:504-519	Outstanding
		Rangitikei River	From NZMS 260 S23:200-221 to the Mangarere Bridge at approx. NZMS 260 T22:438-496	Regionally Significant
<b>Coastal Rangitikei (Rang_4)</b>	Coastal/Tidal Rangitikei (Rang_4a and Rang_4b)	Rangitikei River	From 100 m upstream of the cross-river CMA boundary at NZMS 260 S23:2700960-6100119 to approx. NZMS 260 S23:200-221	Other Trout Fishery

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

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River<sup>A</sup></i>	<i>Locality Description</i>	<i>Classification</i>
<b>Upper Whanganui, Cherry Grove, Te Maire, Middle Whanganui, Pipiriki and Paetawa (Whai_1, Whai_2, Whai_3, Whai_4, Whai_5 and Whai_6)</b>	Upper Whanganui, Cherry Grove, Te Maire, Middle Whanganui, Pipiriki and Paetawa (Whai_1, Whai_2a, Whai_3, Whai_4a, Whai_5a and Whai_6)	Whanganui River	From approx. NZMS 260 S22:937-563 to source	Other Trout Fishery
<b>Upper Whanganui (Whai_1)</b>	Upper Whanganui (Whai_1)	Otamangakau Dam	From the confluence with the Whanganui River at approx. NZMS 260 T19:367-409 to T19:375-414	Other Trout Fishery
		Otamangakau Canal	From the confluence with the Whanganui River at approx. NZMS 260 T19:367-409 to source	Other Trout Fishery
		Okupata Stream	From the confluence with the Whanganui River at approx. NZMS 260 S19:289-406 to source	Other Trout Fishery
		Mangatepopo Stream	From the confluence with the Okupata Stream at approx. NZMS 260 S19:287-397 to source	Other Trout Fishery
		Waione Stream	From the confluence with the Whanganui River at approx. NZMS 260 S19:276-427 to source	Other Trout Fishery
		Waipari Stream	From the confluence with the Whanganui River at approx. NZMS 260 S19:269-455 to source	Other Trout Fishery
		Waione Stream	From the confluence with the Waipari Stream at approx. NZMS 260 S18:282-516 to source	Other Trout Fishery
		Waipungapunga Stream	From the confluence with the Waipari Stream at approx. NZMS 260 S19:287-490 to source	Other Trout Fishery
		Waionenui Stream	From the confluence with the Waipari Stream at approx. NZMS 260 S19:288-475 to source	Other Trout Fishery
		Waione Stream	From the confluence with the Waipari Stream at approx. NZMS 260 S19:282-464 to source	Other Trout Fishery
		Mako Stream	From the confluence with the Whanganui River at approx. NZMS 260 S19:231-455 to source	Other Trout Fishery
		Taringapupu Stream	From the confluence with the Whanganui River at approx. NZMS 260 S19:205-477 to source	Other Trout Fishery

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

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River<sup>^</sup></i>	<i>Locality Description</i>	<i>Classification</i>
		Herungaweka Stream	From the confluence with the Taringapupu Stream at approx. NZMS 260 S18:229-511 to source	Other Trout Fishery
		Paewaru Stream	From the confluence with the Taringapupu Stream at approx. NZMS 260 S19:216-488 to source	Other Trout Fishery
		Papanui Stream	From the confluence with the Whanganui River at approx. NZMS 260 S19:192-485 to source	Other Trout Fishery
<b>Cherry Grove (Whai_2)</b>	Cherry Grove (Whai_2a)	Kakahi Stream	From the confluence with the Whanganui River at approx. NZMS 260 S19:151-497 to source	Other Trout Fishery
	Upper and Lower Whakapapa (Whai_2b and Whai_2c)	Whakapapa River	From the confluence with the Whanganui River at approx. NZMS 260 S19:188-495 to source	Regionally Significant Trout Fishery
	Upper Whakapapa (Whai_2b)	Whakapapaiti Stream	From the confluence with the Whakapapa River at approx. NZMS 260 S19:243-268 to source	Other Trout Fishery
		Whakapapanui Stream	From the confluence with the Whakapapa River at approx. NZMS 260 S19:243-268 to source	Other Trout Fishery
		Makahikatoa Stream	From the confluence with the Whakapapanui Stream at approx. NZMS 260 S19:273-244 to source	Other Trout Fishery
		Taranaki Stream	From the confluence with the Makahikatoa Stream at approx. NZMS 260 S19:296-235 to source	Other Trout Fishery
		Pukeonaki Stream	From the confluence with the Whakapapanui Stream at approx. NZMS 260 S19:269-255 to source	Other Trout Fishery
		Tawahi Stream	From the confluence with the Whakapapaiti Stream at approx. NZMS 260 S19:242-265 to approx. NZMS 260 S19:242-256	Other Trout Fishery
		Papamanuka Stream	From the confluence with the Whakapapa Stream at approx. NZMS 260 S19:234-288 to approx. NZMS 260 S19:277-281	Other Trout Fishery
	Lower Whakapapa (Whai_2c)	Unnamed Tributary of the Whakapapa River	From the confluence with the Whakapapa River at approx. NZMS 260 S19:174-416 to source	Other Trout Fishery
		Otamawairua Stream	From the confluence with the Whakapapa River at approx. NZMS 260 S19:193-324 to source	Other Trout Fishery
	Piopiotea Stream (Whai_2d)	Piopiotea Stream and tributaries	From the confluence with the Whakapapa River at approx. NZMS 260 S19:174-356 to source	Other Trout Fishery

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

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River<sup>^</sup></i>	<i>Locality Description</i>	<i>Classification</i>	
	Pungapunga (Whai_2e)	Pungapunga River	From approx. NZMS 260 S18:124-544 to approx. NZMS 260 S18:266-577	Other Trout Fishery	
	Upper and Lower Ongarue (Whai_2f and Whai_2g)	Ongarue River	From the confluence with the Whanganui River at approx. NZMS 260 S18:055-544 to the confluence with the Waimiha Stream at approx. NZMS 260 S17:132-862	Other Trout Fishery	
	Upper Ongarue (Whai_2f)	Ongarue River	Ongarue River	From the confluence with the Waimiha Stream at approx. NZMS 260 S17:132-862 to source	Regionally Significant Trout Fishery
		Waimiha Stream	Waimiha Stream	From the confluence with the Ongarue River at approx. NZMS 260 S17:132-862 to source	Other Trout Fishery
		Waione Stream	Waione Stream	From the confluence with the Ongarue River at approx. NZMS 260 S17:132-862 to source	Other Trout Fishery
		Okauaka Stream	Okauaka Stream	From the confluence with the Ongarue River at approx. NZMS 260 S17:188-864 to source	Other Trout Fishery
		Maramataha River	Maramataha River	From the confluence with the Ongarue River at approx. NZMS 260 S17:116-806 to source	Other Trout Fishery
	Lower Ongarue (Whai_2g)	Mangakahu Stream	Mangakahu Stream	From the confluence with the Ongarue River at approx. NZMS 260 S18:087-736 to source	Other Trout Fishery
		Taringamotu River and tributaries	Taringamotu River and tributaries	From the confluence with the Ongarue River at approx. NZMS 260 S18:046-582 to source	Other Trout Fishery
<b>Middle Whanganui (Whai_4)</b>	Retaruke (Whai_4d)	Retaruke River	From the confluence with the Whanganui River at approx. NZMS 260 R19:889-309 to source	Other Trout Fishery	
<b>Pipiriki (Whai_5)</b>	Makatote (Whai_5e)	Makatote River	From the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:129-120 to source	Outstanding Trout Fishery	
	Waimarino (Whai_5f)	Waimarino Stream	From the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:129-120 to source	Outstanding Trout Fishery	
	Mangaturuturu (Whai_5g)	Mangaturuturu River	From the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:056-067 to source	Outstanding Trout Fishery	
	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	Outstanding Trout Fishery	
	Orautoha (Whai_5j)	Orautoha Stream	From the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:026-067 to source	Outstanding Trout Fishery	

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

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River<sup>^</sup></i>	<i>Locality Description</i>	<i>Classification</i>
<b>Lower Whanganui (Whai_7)</b>	Lower Whanganui (Whai_7a)	Whanganui River	From approx. NZMS 260 R22:861-422 to approx. NZMS 260 S22:938-563	Other Trout Fishery
	Coastal Whanganui (Whai_7b)	Whanganui River	From approx. NZMS 260 R22:848-381 to approx. NZMS 260 R22:861-422	Other Trout Fishery
<b>Upper Whangaehu (Whau_2)</b>	Waitangi (Whau_2b)	Waitangi Stream	From the confluence with the Whangaehu River at approx. NZMS 260 T21:315-888 to source	Other Trout Fishery
	Tokiahuru (Whau_2c)	Tokiahuru Stream and tributaries	From the confluence with the Whangaehu River at approx. NZMS 260 S21:218-865 to source	Other Trout Fishery
<b>Lower Whangaehu (Whau_3)</b>	Upper Makotuku, Lower Makotuku and Makara (Whau_3b, Whau_3c and Whau_3f)	Makotuku River and tributaries including Makara Stream and tributaries	From the confluence with the Mangawhero River at approx. NZMS 260 S20:079-902	Other Trout Fishery
	Upper Mangawhero (Whau_3d)	Mangawhero River including the Taonui Stream and all tributaries upstream of the Taonui Stream	From the confluence with the Makotuku River at approx. NZMS 260 S20:079-902	Other Trout Fishery
	Lower Mangawhero and Lower Whangaehu (Whau_3a and Whau_3e)	Mangawhero River	From the confluence with the Whangaehu River at approx. NZMS 260 S22:065-470 to the confluence with the Makotuku River at approx. NZMS 260 S20:079-902	Other Trout Fishery
<b>Kaitoke Lakes (West 4)</b>	Kaitoke Lakes (West_4)	Lake Wiritoa	Lake Wiritoa at approx. NZMS 260 R22:877-350	Other Trout Fishery
		Lake Kohata	Lake Kohata at approx. NZMS 260 R22:885-347	Other Trout Fishery
		Lake Pauri	Lake Pauri at approx. NZMS 260 R22:894-342	Other Trout Fishery
<b>Ohau (Ohau 1)</b>	Upper and Lower Ohau (Ohau_1a and Ohau_1b)	Ohau River	From the cross-river CMA boundary at NZMS 260 S25:2692921-6059503 to source including the Makahika Stream and tributaries and an unnamed tributary at approx. NZMS 260 S25:974-585	Other Trout Fishery

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



### Trout Spawning (TS) Value

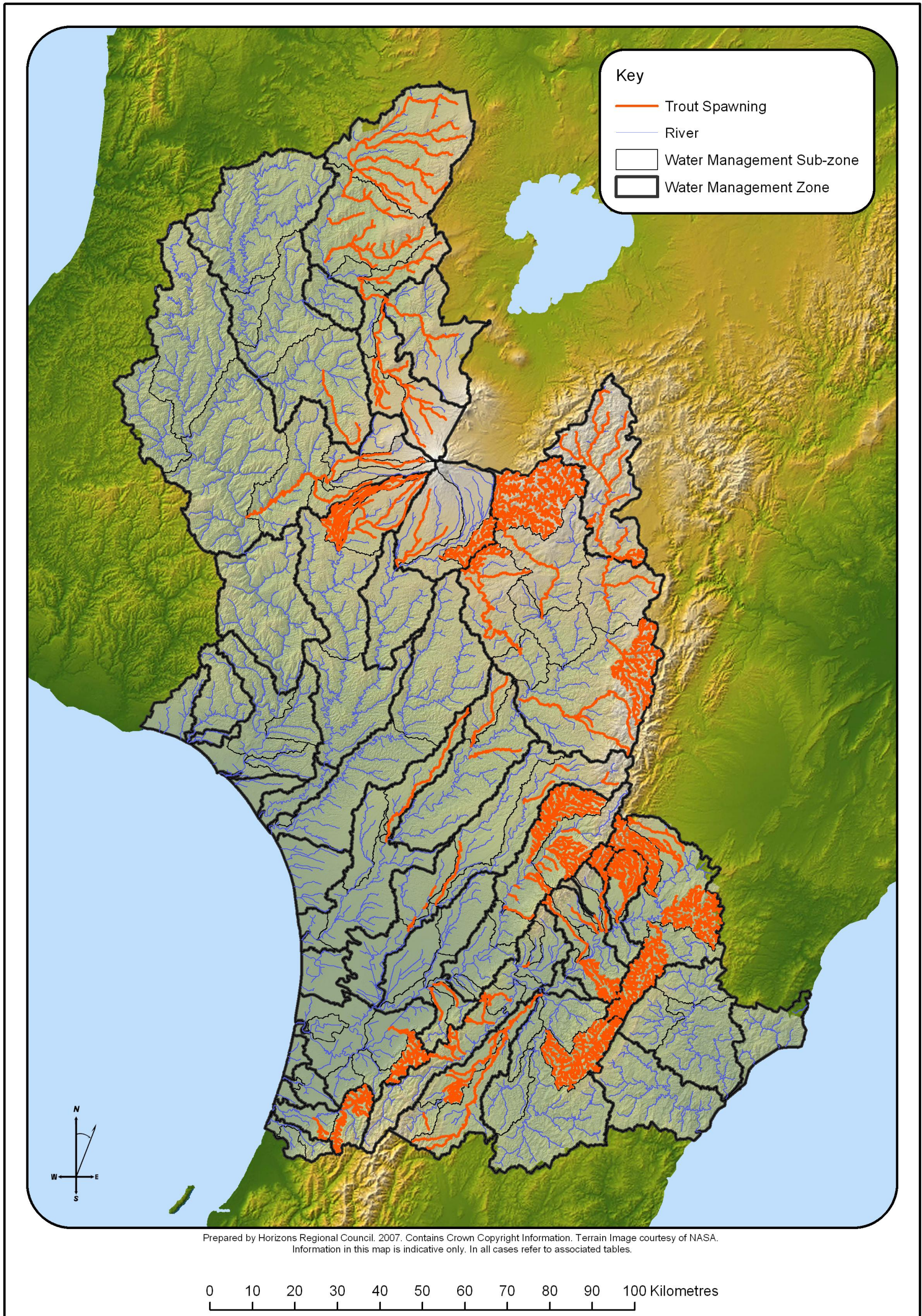


Figure AB:9 Visual Guide to the distribution of the Trout Spawning (TS) Value





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

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River<sup>^</sup></i>	<i>Locality Description</i>
<b>Upper Manawatu (Mana_1)</b>	Upper Manawatu (Mana_1a)	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. NZMS 260 U23:850-244
		Mangapuaka Stream and tributaries	From the confluence with the Manawatu River at approx. NZMS 260 U23:841-044 to source
	Mangatewainui (Mana_1b)	Mangatewainui River and tributaries	From the confluence with the Manawatu River at approx. NZMS 260 U23:829-085 to source
	Mangatoro (Mana_1c)	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. NZMS 260 U24:838-991
		Mangatoro River and tributaries	From the confluence with the Mangamarie Stream at approx. NZMS 260 U24:838-991 to source
<b>Weber - Tamaki (Mana_2)</b>	Mangatera (Mana_2b)	Mangatera Stream	From the confluence with the Manawatu River at approx. NZMS 260 U23:736-025 to approx. NZMS 260 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. NZMS 260 U23:732-052
<b>Upper Tamaki (Mana_3)</b>	Upper Tamaki (Mana_3)	Tamaki River and tributaries	From approx. NZMS 260 U23:706-100 to source.
<b>Tamaki - Hopelands (Mana_5)</b>	Tamaki - Hopelands (Mana_5a)	Otawhao Stream and tributaries	From the confluence with the Manawatu River at approx. NZMS 260 T24:651-935 to source
		Totara Stream and tributaries	From the confluence with the Manawatu River at approx. NZMS 260 T24:647-929 to source
	Lower Tamaki (Mana_5b)	Tamaki River	From the confluence with the Manawatu River at approx. NZMS 260 U23:708-002 to approx. NZMS 260 U23:706-100
	Lower Kumeti (Mana_5c)	Kumeti Stream	From the confluence with the Manawatu River at approx. NZMS 260 T23:697-005 to approx. NZMS 260 T23:681-041
	Oruakeretaki (Mana_5d)	Oruakeretaki Stream	From the confluence with the Manawatu River at approx. NZMS 260 T24:690-999 to the confluence with the Mangapukakakahu Stream at approx. NZMS 260 T23:628-058

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

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River<sup>A</sup></i>	<i>Locality Description</i>
	Raparapawai (Mana_5e)	Raparapawai Stream	From the confluence with the Manawatu River at approx. NZMS 260 T24:641-931 to source
<b>Tiraumea (Mana_7)</b>	Makuri (Mana_7d)	Makuri River and tributaries	From the confluence with the Tiraumea River at approx. NZMS 260 T24:568-771 to source
<b>Mangatainoka (Mana_8)</b>	Upper Mangatainoka (Mana_8a)	Makotukutuku Stream	From the confluence with the Mangatainoka River at approx. NZMS 260 S25:279-576 to source
	Middle and Lower Mangatainoka (Mana_8b and Mana_8c)	Mangatainoka River	From approx. NZMS 260 T24:558-857 to the confluence with the Mangaroa Stream at approx. NZMS 260 T25:324-627
	Middle Mangatainoka (Mana_8b)	Mangaraupiu Stream	From the confluence with the Mangatainoka River at approx. NZMS 260 T25:366-655 to approx. NZMS 260 T25:322-665
		Unnamed Tributary of the Mangatainoka River and tributaries	From the confluence with the Mangatainoka River at approx. NZMS 260 T25:369-654 to source
		Hukanui Stream	From the confluence with the Mangatainoka River at approx. NZMS 260 T25:396-680 to approx. NZMS 260 T25:341-676
		Mangamaire Stream	From the confluence with the Mangatainoka River at approx. NZMS 260 T24:451-762 to approx. NZMS 260 T24:433-742
	Makakahi (Mana_8d)	Makakahi River	From the confluence with the Mangatainoka River at approx. NZMS 260 T24:475-775 to source
		Bruce Stream	From the confluence with the Makakahi River at approx. NZMS 260 T25:346-524 to source
<b>Upper Gorge (Mana_9)</b>	Mangapapa (Mana_9b)	Mangapapa Stream	From the confluence with the Manganatua Stream at approx. NZMS 260 T24:514-922 to approx. NZMS 260 T24:527-931
	Upper Mangahao (Mana_9d)	Unnamed Tributary	From the confluence with the Mangahao River at approx. NZMS 260 T24:348-700 to source
		Unnamed Tributary	From the confluence with the Mangahao River at approx. NZMS 260 T24:364-704 to source
		Orangane Stream	From the confluence with the Mangahao River at approx. NZMS 260 T24:377-716 to source
		Matarua Creek	From the confluence with the Mangahao River at approx. NZMS 260 T24:445-788 to source
		Unnamed Tributary	From the confluence with the Matarua Creek at approx. NZMS 260 T24:422-793 to source
Lower Mangahao (Mana_9e)	Makaretu Creek	From the confluence with the Mangahao River at approx. NZMS 260 T24:484-844 to source	

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

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River^</i>	<i>Locality Description</i>
<b>Middle Manawatu (Mana_10)</b>	Upper Pohangina (Mana_10b)	Pohangina River	From the confluence with the Whangapuna Stream at approx. NZMS 260 T23:605-240 to approx. NZMS 260 T23:647-236
		Konewa Stream and tributaries	From the confluence with the Pohangina River at approx. NZMS 260 T23:575-203 to source
		Makawakawa Stream and tributaries	From the confluence with the Pohangina River at approx. NZMS 260 T23:568-199 to source
		Te Ekaou Stream	From the confluence with the Pohangina River at approx. NZMS 260 T23:562-180 to approx. NZMS 260 T23:594-150
		Porewa Stream	From the confluence with the Pohangina River at approx. NZMS 260 T23:549-163 to approx. NZMS 260 T23:579-147
		Opawe Stream	From the confluence with the Pohangina River at approx. NZMS 260 T23:544-161 to approx. NZMS 260 T23:556-144
	Middle Pohangina (Mana_10c)	Makiekie (Coal) Creek and tributaries	From the confluence with the Pohangina River at approx. NZMS 260 T23:528-165 to source
		Ohinetapu Stream and tributaries	From the confluence with the Pohangina River at approx. NZMS 260 T23:517-131 to source
		Mi Maranganui Stream	From the confluence with the Pohangina River at approx. NZMS 260 T23:492-112 to approx. NZMS 260 T23:504-107
		Te Awaoteatua Stream	From the confluence with the Pohangina River at approx. NZMS 260 T23:480-090 to approx. NZMS 260 T23:499-077
Makohine Stream		From the confluence with the Pohangina River at approx. NZMS 260 T23:469-058 to source	
<b>Lower Manawatu (Mana_11)</b>	Turitea (Mana_11b)	Turitea Stream	From the confluence with the Manawatu River at approx. NZMS 260 T24:302-879 to approx. NZMS 260 T24:357-827
	Kahuterawa (Mana_11c)	Kahuterawa Stream	From the confluence with the Manawatu River at approx. NZMS 260 S24:293-870 to approx. NZMS 260 T24:317-796
<b>Oroua (Mana_12)</b>	Upper Oroua (Mana_12a)	Oroua River	From the confluence with the Tunupo Creek at approx. NZMS 260 T22:699-356 to approx. NZMS 260 U22:715-378
		Tunupo Creek	From the confluence with the Oroua River at approx. NZMS 260 T22:699-356 to source
		Mangahuia Stream	From the confluence with the Oroua River at approx. NZMS 260 T22:577-378 to the confluence with Scandlyn Creek at approx. NZMS 260 T22:621-384
		Mangapikopiko Stream	From the confluence with the Oroua River at approx. NZMS 260 T22:515-307 to source

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

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River<sup>A</sup></i>	<i>Locality Description</i>
	Kiwitea (Mana_12c)	Kiwitea Stream	From the confluence with the Oroua River at approx. NZMS 260 T23:308-066 to approx. NZMS 260 T23:363-215
	Makino (Mana_12d)	Makino Stream	From approx. NZMS 260 S23:294-088 to approx. NZMS 260 T23:307-111
			From approx. NZMS 260 S23:279-058 to approx. NZMS 260 S23:286-069
			From the confluence with the Oroua River at approx. NZMS 260 S23:243-005 to approx. NZMS 260 S23:259-037
<b>Coastal Manawatu (Mana_13)</b>	Upper and Lower Tokomaru (Mana_13c and Mana_13d)	Tokomaru River and tributaries	From the confluence with the Linton Drain at approx. NZMS 260 S24:196-774 to source
<b>Upper Rangitikei (Rang_1)</b>	Upper Rangitikei (Rang_1)	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
		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 at approx. NZMS 260 U20:715-053 to source
		Oturu Stream	From the confluence with the Rangitikei River at approx. NZMS 260 U20:716-014 to source
		Otarere Stream and tributaries	From the confluence with the Okorotehehe Stream at approx. NZMS 260 T20:684-988 to source
		Mangamarahia Stream	From the confluence with the Rangitikei River at approx. NZMS 260 U21:723-889 to approx. NZMS 260 U20:756-954
		Makahikatoa Stream including all tributaries	From the confluence with the Rangitikei River at approx. NZMS 260 U21:725-887 to source
<b>Middle and Upper Rangitikei (Rang_1 and Rang_2)</b>	Middle and Upper Rangitikei (Rang_1 and Rang_2a)	Rangitikei River	From the confluence with the Pokopoko Stream at approx. NZMS 260 U24:721-758 to source
<b>Middle Rangitikei (Rang_2)</b>	Middle Rangitikei (Rang_2a)	Mangaohane Stream	From the confluence with the Rangitikei River at approx. NZMS 260 U21:707-818 to source
	Pukeokahu - Mangaweka (Rang_2b)	Whakaurekou River	From the confluence with the Rangitikei River at approx. NZMS 260 U21:712-690 to the confluence with the Mangatera River and Maropea River at approx. NZMS 260 U21:749-655

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

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River<sup>A</sup></i>	<i>Locality Description</i>
		Mangatera River and Maropea River and tributaries	From the confluence with the Whakaurekou River at approx. NZMS 260 U21:749-655 to source
		Kawhatau River	From the confluence with the Rangitikei River at approx. NZMS 260 T22:504-551 to source
		Pourangaki River	From the confluence with the Mangakukeke Stream at approx. NZMS 260 T22:635-507 to source
		Mangakukeke Stream	From the confluence with the Kawhatau River at approx. NZMS 260 T22:634-508 to approx. NZMS 260 T22:677-486
	Upper Moawhango (Rang_2c)	Moawhango River and tributaries	From approx. NZMS 260 T20:468-948 to source
	Middle Moawhango (Rang_2d)	Moawhango River	From the confluence with the Tikirere Stream at approx. NZMS 260 T21:559-741 to approx. NZMS 260 T20:468-948
	Upper Hautapu (Rang_2f)	Waiouru Stream and tributaries	From the confluence with the Hautapu River at approx. NZMS 260 T21:410-838 to source
		Unnamed Tributary of the Hautapu River	From the confluence with the Hautapu River at approx. NZMS 260 T21:407-810 to source
Upper and Lower Hautapu (Rang_2f and Rang_2g)	Hautapu River	From the confluence with the Otaihape Stream at approx. NZMS 260 T21:506-656 to source	
<b>Lower Rangitikei (Rang_3)</b>	Lower Rangitikei (Rang_3a)	Mangamako Stream	From the confluence with the Rangitikei River at approx. NZMS 260 T22:389-415 to source
	Makohine (Rang_3b)	Makohine Stream	From the confluence with the Rangitikei River at approx. NZMS 260 T22:390-440 to source
<b>Coastal Rangitikei (Rang_4)</b>	Porewa (Rang_4c)	Porewa Stream	From the confluence with the Rangitikei River at approx. NZMS 260 S23:191-215 to source
<b>Upper Whanganui (Whai_1)</b>	Upper Whanganui (Whai_1)	Whanganui River	From the confluence with the Whakapapa River at approx. NZMS 260 S19:188-495 to approx. NZMS 260 T19:358-411
		Mangatepopo Stream	From the confluence with the Whanganui River at approx. NZMS 260 S19:289-405 to approx. NZMS 260 T19:308-360
<b>Cherry Grove</b>	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 AB.9 Trout Spawning (TS) Value in the Region**

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River^</i>	<i>Locality Description</i>
<b>(Whai_2)</b>	Upper and Lower Whakapapa (Whai_2b and Whai_2c)	Whakapapa River	From the confluence with the Whanganui River at approx. NZMS 260 S19:188-495 to the confluence with the Whakapapanui Stream and the Whakapapaiti Stream at approx. NZMS 260 S19:243-268
	Upper Whakapapa (Whai_2b)	Whakapapanui Stream	From the confluence with the Whakapapa River and the Whakapapaiti Stream at approx. NZMS 260 S19:243-268 to source
		Whakapapaiti Stream	From the confluence with the Whakapapa River and the Whakapapanui Stream at approx. NZMS 260 S19:243-268 to source
		Mahikatoa Stream	From the confluence with the Whakapapanui Stream at approx. NZMS 260 S19:273-245 to the confluence with the Taranaki Stream at approx. NZMS 260 S19:295-236
		Taranaki Stream	From the confluence with the Mahikatoa Stream at approx. NZMS 260 S19:295-236 to source
		Pukeonaki Stream	From the confluence with the Whakapapanui Stream at approx. NZMS 260 S19:269-255 to source
		Papamanuka Stream	From the confluence with the Whakapapa River at approx. NZMS 260 S19:233-288 to approx. NZMS 260 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. NZMS 260 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
	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. NZMS 260 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

<b>Table AB.9 Trout Spawning (TS) Value in the Region</b>			
<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River^</i>	<i>Locality Description</i>
		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
		Maramataha River	From the confluence with the Ongarue River at approx. NZMS 260 S17:116-806 to source
		Unnamed Tributary of the Maramataha River	From the confluence with the Maramataha River at approx. NZMS 260 S18:273-793 to source
		Piropiro Stream	From the confluence with the Maramataha River at approx. NZMS 260 S17:251-804 to source
		Te Rerengaohoro Stream	From the confluence with the Maramataha River at approx. NZMS 260 S18:238-807 to approx. NZMS 260 S18:239-802
		Waione Stream	From the confluence with the Ongarue River at approx. NZMS 260 S18:118-799 to source
		Mangatukutuku Stream	From the confluence with the Waione Stream at approx. NZMS 260 S18:127-796 to source
		Waikoura Stream	From the confluence with the Mangatukutuku Stream at approx. NZMS 260 S18:174-761 to source
		Upper and Lower Ongarue (Whai_2f and Whai_2g)	Ongarue River
	Lower Ongarue (Whai_2g)	Mangakahu Stream	From the confluence with the Ongarue River at approx. NZMS 260 S18:087-736 to source
		Otataka Stream	From the confluence with the Mangakahu Stream at approx. NZMS 260 S18:182-701 to source
		Unnamed Tributary of the Taringamotu River	From the confluence with the Mangakahu Stream at approx. NZMS 260 S18:143-729 to source
		Kakimotu Stream	From the confluence with the Mangakahu Stream at approx. NZMS 260 S18:140-729 to source
		Uepango Stream	From the confluence with the Ongarue River at approx. NZMS 260 S18:053-683 to source
		Taringamotu River	From the confluence with the Ongarue River at approx. NZMS 260 S18:047-582 to source

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

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River^</i>	<i>Locality Description</i>
		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
		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
<b>Middle Whanganui (Whai_4)</b>	Retaruke (Whai_4d)	Retaruke River	From the confluence with the Kaitieke Stream at approx. NZMS 260 S19:041-326 to source
<b>Pipiriki (Whai_5)</b>	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
	Makatote (Whai_5e)	Makatote River	From the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:128-119 to approx. NZMS 260 S20:201-129
	Orautoha (Whai_5j)	Orautoha Stream	From the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:026-067 to approx. NZMS 260 S20:156-063
<b>Upper Whangaehu (Whau_1)</b>	Waitangi (Whau_1b)	Waitangi Stream and tributaries	From the confluence with the Whangaehu River at approx. NZMS 260 T21:315-888 to source
	Tokiahuru (Whau_1c)	Omarae Stream	From the confluence with the Waitaiki Stream at approx. NZMS 260 S20:265-921 to source
		Waitaiki Stream	From the confluence with the Tokiahuru Stream at approx. NZMS 260 S21:235-880 to approx. NZMS 260 S20:273-929



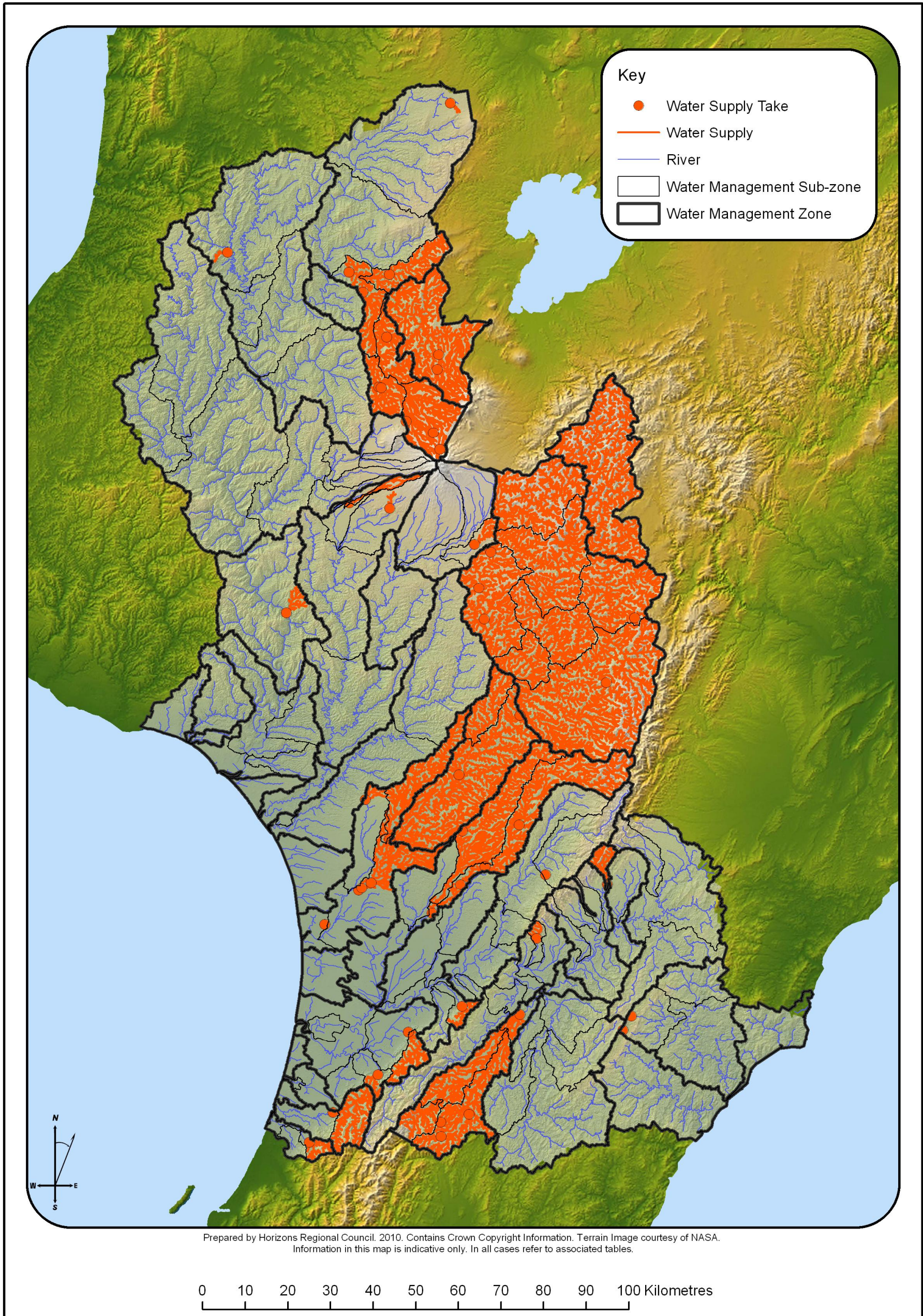
**Table AB.9 Trout Spawning (TS) Value in the Region**

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River<sup>^</sup></i>	<i>Locality Description</i>
		Tokiahuru Stream	From the confluence with the Whangaehu River at approx. NZMS 260 S21:218-865 to approx. NZMS 260 T20:334-956
<b>Lower Whangaehu (Whau_3)</b>	Upper Makotuku, Lower Makotuku and Makara (Whau_3b, Whau_3c and Whau_3f)	Makotuku River and tributaries including Makara Stream and tributaries	From the confluence with the Mangawhero River at approx. NZMS 260 S20:079-902 to source
	Upper Mangawhero (Whau_3d)	Mangawhero River	From the confluence with the Makotuku River at approx. NZMS 260 S20:079-902 to source
		Mangateitei Stream	From the confluence with the Mangawhero River at approx. NZMS 260 S20:158-961 to source
		Taonui Stream	From the confluence with the Mangawhero River at approx. NZMS 260 S20:121-956 to approx. NZMS 260 S20:159-020
		Makaranui Stream	From the confluence with the Mangawhero River at approx. NZMS 260 S20:116-953 to approx. NZMS 260 S20:165-932
<b>Ohau River (Ohau_1)</b>	Upper Ohau (Ohau_1a)	Makahika Stream and tributaries	From the confluence with the Ohau River at approx. NZMS 260 S25:090-585 to source
		Makaretu Stream and tributaries	From the confluence with the Ohau River at approx. NZMS 260 S25:083-579 to source
	Lower Ohau (Ohau_1b)	Makorokio Stream and tributaries	From the confluence with the Ohau River at approx. NZMS 260 S25:018-563 to source

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



**Water<sup>^</sup> Supply (WS) Value**



**Figure AB:10** Visual Guide to the Location of Existing Surface Water Takes for the *Water<sup>^</sup>* Supply (WS) Value



<b>Table AB.10: Water<sup>A</sup> Supply (WS) Value in the Region</b>				
<b>Water Management Zone*</b>	<b>Sub-zone*</b>	<b>River<sup>A</sup></b>	<b>Description</b>	<b>Water<sup>A</sup> Supply</b>
<b>Upper Tamaki (Mana_3)</b>	Upper Tamaki (Mana_3)	Tamaki River	Including all tributaries upstream of a point at approx. NZMS 260 U23:709-114	Dannevirke
<b>Mangatainoka (Mana_8)</b>	Upper Mangatainoka (Mana_8a)	Mangatainoka River and tributaries	From Larsons Road at approx. NZMS 260 T25:308-595 to source	Pahiatua
	Middle Mangatainoka (Mana_8b)	Mangatainoka River and tributaries	From the Makakahi confluence at approx. NZMS 260 T24:475-775 to source	Pahiatua
	Lower Mangatainoka (Mana_8c)	Mangatainoka River and tributaries	From a point at approx. NZMS 260 T24:504-808 to source	Pahiatua
	Makakahi (Mana_8d)	Makakahi River and tributaries	From the confluence with the Mangatainoka River at approx. NZMS 260 T24:475-775 to source	Pahiatua
			From a point at approx. NZMS 260 T25:318-520 to source	Eketahuna, Pleckville and Pahiatua
			From a point at approx. NZMS 260 T25:384-572 to source	Pleckville and Pahiatua
<b>Upper Gorge (Mana-9)</b>	Mangapapa (Mana_9b)	Mangapapa Stream and tributaries	From a point at approx. NZMS 260 T24:543-986 to source	Dannevirke
<b>Middle Manawatu (Mana_10)</b>	Middle Pohangina (Mana_10c)	Highland Home Christian Camp Stream and tributaries	From a point at approx. NZMS 260 T24:564-137 to source	Highland Home Christian Camp
<b>Lower Manawatu (Mana_11)</b>	Turitea (Mana_11b)	Turitea Stream and tributaries	From a point at approx. NZMS 260 T25:368-827 to source	Palmerston North
<b>Oroua (Mana_12)</b>	Upper Oroua (Mana_12a)	Oroua River and tributaries	From Almadale at approx. NZMS 260 T23:365-113 to source	Manawatu Beef Packers
			From a point at approx. NZMS 260 T23:502-254 to source	Kiwitea, Feilding, Oroua No. 1 and Manawatu Beef Packers
			From a point at approx. NZMS 260 T23:422-156 to source	Feilding, Oroua No. 1 and Manawatu Beef Packers

<b>Table AB.10: Water<sup>^</sup> Supply (WS) Value in the Region</b>				
<b>Water Management Zone*</b>	<b>Sub-zone*</b>	<b>River<sup>^</sup></b>	<b>Description</b>	<b>Water<sup>^</sup> Supply</b>
			From a point at approx. NZMS 260 T23:364-113 to source	Oroua No. 1 and Manawatu Beef Packers
	Middle Oroua (Mana_12b)	Oroua River and tributaries	From a point approx. NZMS 260 S23:297-045 to source	Manawatu Beef Packers
	Kiwitea (Mana_12d)	Kiwitea Stream and tributaries	From the confluence with the Oroua River at approx. NZMS 260 S24:167-826 to source	Manawatu Beef Packers
		Kiwitea Stream and tributaries	From a point at approx. NZMS 260 T23:369-239 to source	Waituna West and Manawatu Beef Packers
<b>Coastal Manawatu (Mana_13)</b>	Lower Tokomaru (Mana_13c)	Tokomaru River and tributaries	Including all tributaries upstream of a point at approx. NZMS 260 S24:242-767	Tokomaru
	Mangaore (Mana_13d)	Mangaore Stream and tributaries	From a point at approx. NZMS 260 S25:170-665	Shannon
<b>Upper Rangitikei (Rang_1)</b>	Upper Rangitikei (Rang_1)	Rangitikei River and tributaries	From the Makahikatoa Stream confluence at approx. NZMS 260 U21:726-888 to source	Mangaweka, Hunterville, Halcombe-Stanway, Sanson, Bulls and Ohakea
<b>Middle Rangitikei (Rang_2)</b>	Middle Rangitikei (Rang_2a)	Rangitikei River and tributaries	From Pukeokahu at approx. NZMS 260 U21:713-708 to source	Mangaweka, Hunterville, Halcombe-Stanway, Sanson, Bulls and Ohakea
		Reporoa Stream and tributaries	From a point at approx. NZMS 260 U21:774-740	Erewhon rural, Mangaweka, Hunterville, Halcombe-Stanway, Sanson, Bulls and Ohakea

<b>Table AB.10: Water<sup>^</sup> Supply (WS) Value in the Region</b>				
<b>Water Management Zone*</b>	<b>Sub-zone*</b>	<b>River<sup>^</sup></b>	<b>Description</b>	<b>Water<sup>^</sup> Supply</b>
	Pukeokahu - Mangaweka (Rang_2b)	Rangitikei River and tributaries	From Mangaweka at approx. NZMS 260 T22:504-513 to source	Mangaweka, Hunterville, Halcombe-Stanway, Sanson, Bulls and Ohakea
		Makino Stream and tributaries	From a point at approx. NZMS 260 U22:707-589 to source	Omatane, Mangaweka, Hunterville, Halcombe-Stanway, Sanson, Bulls and Ohakea
	Upper Hautapu (Rang_2f)	Hautapu River	From Taihape at approx. NZMS 260 T21:506-670 to source	Mangaweka, Hunterville, Halcombe-Stanway, Sanson, Bulls and Ohakea
			From a point at approx. NZMS 260 T21:407-811 to source	Irirangi, Taihape, Mangaweka, Hunterville, Halcombe-Stanway, Sanson, Lake Alice, Bulls and Ohakea
			From a point at approx. NZMS 260 T21:420-738 to source	Taihape, Mangaweka, Hunterville, Halcombe-Stanway, Sanson, Lake Alice, Bulls and Ohakea
		Waiouru Stream	From a point at approx. NZMS 260 T21:435-896 to source	Waiouru, Irirangi, Taihape, Mangaweka, Hunterville, Halcombe-Stanway, Sanson, Lake Alice, Bulls and Ohakea

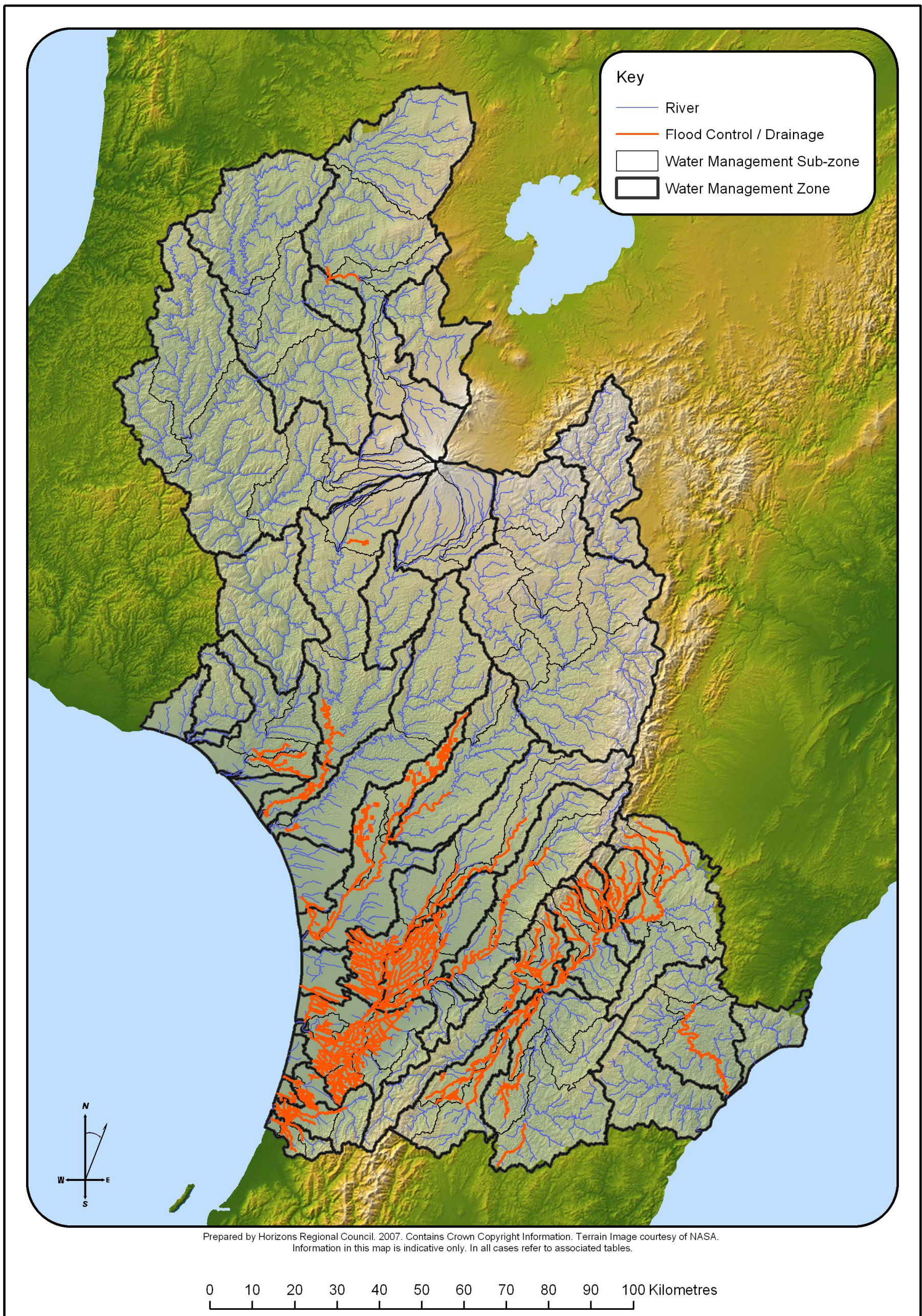
<b>Table AB.10: Water<sup>A</sup> Supply (WS) Value in the Region</b>				
<b>Water Management Zone*</b>	<b>Sub-zone*</b>	<b>River<sup>A</sup></b>	<b>Description</b>	<b>Water<sup>A</sup> Supply</b>
	Lower Hautapu (Rang_2g)	Hautapu River and tributaries	From the confluence with the Rangitikei River at approx. NZMS 260 T22:529-574 to source	Mangaweka, Hunterville, Halcombe-Stanway, Sanson, Bulls and Ohakea
<b>Lower Rangitikei (Rang_3)</b>	Lower Rangitikei (Rang_3a)	Rangitikei River and tributaries	From Onepuhi at approx. NZMS 260 S23:201-222 to source	Halcombe-Stanway, Sanson, Bulls and Ohakea
			From a point at approx. NZMS 260 T22:360-372 to source	Hunterville, Halcombe-Stanway, Sanson, Bulls and Ohakea
	Makohine (Rang_3b)	Makohine Stream and tributaries	From the confluence with the Rangitikei River at approx. NZMS 260 T22:400-443 to source	Hunterville, Halcombe-Stanway, Sanson, Bulls and Ohakea
<b>Coastal Rangitikei (Rang_4)</b>	Coastal Rangitikei (Rangi_4a)	Rangitikei River	From a point at approx. NZMS 260 S23:198-221 to source	Halcombe-Stanway, Sanson, Bulls and Ohakea
			From a point at approx. NZMS 260 S23:154-118 to source	Sanson, Bulls and Ohakea
			From a point at approx. NZMS 260 S23:132-105 to source	Bulls and Ohakea
			From a point at approx. NZMS 260 S23:125-099 to source	Ohakea
	Tidal Rangitikei (Rang_4b)	Flock House Drain No 1	From a point at approx. NZMS 260 S23:045-019 to source	Flock House
	Porewa (Rang_4c)	Porewa Stream and tributaries	From the Rangitikei confluence at approx. NZMS 260 S24:033-985 to source	Sanson, Bulls and Ohakea
Tutaenui (Rang_4d)	Tutaenui Stream and tributaries	From a point at approx. NZMS 260 S22:144-137 to source	Marion	
<b>Upper Whanganui (Whai_1)</b>	Upper Whanganui (Whai_1)	Whanganui River and tributaries	From the Whakapapa confluence at approx. NZMS 260 S19:189-499 to source	Piriaka and Taumarunui



<b>Table AB.10: Water<sup>A</sup> Supply (WS) Value in the Region</b>					
<b>Water Management Zone*</b>	<b>Sub-zone*</b>	<b>River<sup>A</sup></b>	<b>Description</b>	<b>Water<sup>A</sup> Supply</b>	
		Mangatepopo Stream and tributaries	From a point at approx. NZMS 260 T19:313-361 to source	Taurewa Outdoor Pursuits Centre, Piriaka and Taumarunui	
		Tawahitikuri Stream and tributaries	From a point at approx. NZMS 260 T19:309-326 to source	Taurewa Camp, Piriaka and Taumarunui	
<b>Cherry Grove (Whai_2)</b>	Cherry Grove (Whai_2a)	Whanganui River	From a point at approx. NZMS 260 S18:134-506 to source	Piriaka and Taumarunui	
			From a point at approx. NZMS 260 S18:102-556 to source	Taumarunui	
	Upper Whakapapa (Whai_2b)	Whakapapa River and tributaries	From footbridge at approx. NZMS 260 S19:226-293 to source	Piriaka and Taumarunui	
			Makahikatoa Stream and tributaries	From a point at approx. NZMS 260 T20:300-177 to source	Whakapapa Village, Piriaka and Taumarunui
				Mangahuia Stream and tributaries	From a point at approx. NZMS 260 S19:236-205 to source
	Lower Whakapapa (Whai_2c)	Whakapapa River	From the Whanganui confluence at approx. NZMS 260 S19:189-499 to source	Piriaka and Taumarunui	
			Deep Creek and tributaries	From a point at approx. NZMS 260 S19:190-402 to source	Owhango, Piriaka and Taumarunui
	Piopotea (Whai_2d)	Piopotea Stream	From the confluence with the Whakapapa River at approx. NZMS 260 S19:174-356 to source	Piriaka and Taumarunui	
			From a point at approx. NZMS 260 S19:178-283 to source	Raurimu, Piriaka and Taumarunui	
			Makaretu Stream and tributaries	From a point at approx. NZMS 260 S19:172-285 to source	Raurimu, Piriaka and Taumarunui
	Pungapunga (Whai_2e)	Pungapunga River and tributaries	From the Whanganui confluence at approx. NZMS 260 S18:124-156 to source	Taumarunui	
			From a point at approx. NZMS 260 S18:197-550 to source	Ngapuke School	
	Upper Ongarue (Whai_2f)	Whareana Stream and tributaries	From a point at approx. NZMS 260 T17:340-954 to source	Pureora	
<b>Middle Whanganui (Whai_4)</b>	Upper Ohura (Whai_4b)	Mangaparare Stream and tributaries	From a point at approx. NZMS 260 R18:817-602 to source	Ohura	
<b>Paetawa (Whai_5)</b>	Paetawa (Whai_5)	Motuaruhe Stream and tributaries	From a point at approx. NZMS 260 S21:955-752 to source	Matahiwi	

<b>Table AB.10: Water<sup>^</sup> Supply (WS) Value in the Region</b>				
<b>Water Management Zone*</b>	<b>Sub-zone*</b>	<b>River<sup>^</sup></b>	<b>Description</b>	<b>Water<sup>^</sup> Supply</b>
<b>Upper Whangaehu (Whau_1)</b>	Waitangi (Whau_1b)	Waitangi Stream and tributaries	From a point at approx. NZMS 260 T20:397-914 to source	Waiouru Army Camp
<b>Lower Whangaehu (Whau_3)</b>	Upper Makotuku (Whau_3b)	Makotuku River and tributaries	From a point at approx. NZMS 260 S20:103-012 to source	Raetihi
	Upper Mangawhero (Whau_3d)	Serpentine Stream and tributaries	From a point at approx. NZMS 260 S20:198-999 to source	Ohakune
<b>Ohau (Ohau_1)</b>	Upper Ohau (Ohau_1a)	Ohau River	From Rongomatane at approx. NZMS 260 S25:072-577 to source	Levin
	Lower Ohau (Ohau_1b)	Ohau River	From a point at approx. NZMS 260 S25:064-577 to source	Levin
<b>Akitio (Akit_1)</b>	Waihi (Akit_1c)	Puketoi Range Stream and tributaries	From a point at approx. NZMS 260 U24:746-771 to source	Pongaroa
		Waipuehu Stream Tributary and tributaries	From a point at approx. NZMS 260 U24:766-804 to source	Pongaroa
<b>Waikawa (West_9)</b>	Waikawa (West_9a)	Waikawa Stream	Including all tributaries upstream of a point at approx NZMS 260 S25:009-506	G A Martin

**Flood Control and Drainage (FC/D) Value**



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



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

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River<sup>A</sup></i>	<i>Locality Description</i>	<i>Common Name of Scheme</i>
<b>Upper Manawatu, Weber-Tamaki, Tamaki-Hopelands, Hopelands-Tiraumea, Upper Gorge (Mana_1, Mana_2, Mana_5, Mana_6, Mana_9)</b>	Upper Manawatu, Weber-Tamaki, Tamaki-Hopelands, Hopelands-Tiraumea, Upper Gorge (Mana_1a, Mana_2a, Mana_5a, Mana_6, Mana_9a)	Manawatu River	The Manawatu River from the Manawatu Gorge at approx. NZMS 260 T24:496-926 to approx. NZMS 260 U23:783-260	South East Ruahine, Eastern Manawatu, Upper Manawatu
<b>Upper Manawatu (Mana_1)</b>	Upper Manawatu (Mana_1a)	Mangarangiora Stream Tributary	At approx. NZMS 260 U23:830-219 to approx. NZMS 260 U23:813-227 and at approx. NZMS 260 U23:817-223 to approx. NZMS 260 U23:810-224	South East Ruahine
		Mangarangiora Stream Tributary	At approx. NZMS 260 U23:828-216 to approx. NZMS 260 U23:805-224	South East Ruahine
		Makotuku Stream Tributary	At approx. NZMS 260 U23:844-171 to approx. NZMS 260 U23:840-190	South East Ruahine
		Manawatu River Tributary	At approx. NZMS 260 U23:858-149 to approx. NZMS 260 U23:847-156 and at approx. NZMS 260 U23:849-156 to approx. NZMS 260 U23:847-153	South East Ruahine
		Dores Stream	From confluence with the Manawatu River at approx. NZMS 260 U23:788-039 to approx. NZMS 260 U23:791-116	South East Ruahine
		Manawatu River Tributary (drain)	At approx. NZMS 260 U23:844-142 to approx. NZMS 260 U23:839-148	South East Ruahine
	Mangatewainui (Mana_1b)	Mangatewainui River	From confluence with the Manawatu River at approx. NZMS 260 U23:829-086 to approx. NZMS 260 U23:753-230	South East Ruahine
		Mangatewaiiti Stream	From confluence with the Mangatewaiiti Stream at approx. NZMS 260 U23:828-148 to approx. NZMS 260 U23:750-203	South East Ruahine
<b>Weber-Tamaki (Mana_2)</b>	Mangatera (Mana_2b)	Mangatera Stream	From confluence with the Manawatu River at approx. NZMS 260 U23:737-025 to approx. NZMS 260 U23:743-167	South East Ruahine
		Whakaruatapu Stream	From confluence with the Mangatera Stream at approx. NZMS 260 U23:757-083 to approx. NZMS 260 U23:774-188	South East Ruahine
<b>Weber-Tamaki (Mana_2)</b>	Mangatera (Mana_2b)	Mangatera Cemetery Drain	From confluence with the Mangatera Stream at approx. NZMS 260 U23:756-080 to approx. NZMS 260 U23:752-082	South East Ruahine

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

Water Management Zone*	Sub-zone*	River^	Locality Description	Common Name of Scheme
		Mangatera Stream Tributary	From confluence with the Mangatera Stream at approx. NZMS 260 U23:753-096 to approx. NZMS 260 U23:768-118	South East Ruahine
		Mangatera Stream Tributary	From confluence with the Mangatera Stream at approx. NZMS 260 U23:747-122 to approx. NZMS 260 U23:736-132	South East Ruahine
		Matamau Stream	From confluence with the Whakaruatapu Stream at approx. NZMS 260 U23:785-124 to approx. NZMS 260 U23:788-126	South East Ruahine
		Tapuata Stream	From confluence with the Mangatera Stream at approx. NZMS 260 U23:739-044 to approx. NZMS 260 U23:717-125	South East Ruahine
		Tapuata Stream Tributary	From confluence with the Tapuata Stream at approx. NZMS 260 U23:728-060 to approx. NZMS 260 U23:730-080	South East Ruahine
		Tapuata Stream Tributary	From confluence with the Tapuata Stream at approx. NZMS 260 U23:738-075 to approx. NZMS 260 U23:729-101 and at approx. NZMS 260 U23:736-092 to approx. NZMS 260 U23:733-095	South East Ruahine
		Makirikiri Stream	From SH2 Bridge at approx. NZMS 260 U23:725-050 to Armstrong Road at approx. NZMS 260 U23:718-110	South East Ruahine
		Makirikiri Stream Tributary	From confluence with the Makirikiri Stream at approx. NZMS 260 U23:720-055 to approx. NZMS 260 U23:714-066	South East Ruahine
		Makirikiri Stream Tributary	From confluence with the Makirikiri Stream at approx. NZMS 260 U23:714-073 to approx. NZMS 260 U23:714-093	South East Ruahine
		Makirikiri Stream Tributary	From confluence with the Makirikiri Stream at approx. NZMS 260 U23:715-078 to approx. NZMS 260 U23:724-084	South East Ruahine
		Makirikiri Stream Tributary	From confluence with the Makirikiri Stream at approx. NZMS 260 U23:719-087 to approx. NZMS 260 U23:716-095	South East Ruahine
		Makirikiri Stream Tributary	From confluence with the Makirikiri Stream at approx. NZMS 260 U23:720-088 to approx. NZMS 260 U23:725-092	South East Ruahine
<b>Upper Kumeti, Tamaki-Hopelands (Mana_4 and Mana_5)</b>	Upper Kumeti, Lower Kumeti (Mana_4, Mana_5c)	Mangapuaka/Kumeti Stream	From confluence with the Manawatu River at approx. NZMS 260 T23:698-005 to approx. NZMS 260 T23:628-109	South East Ruahine
<b>Tamaki-Hopelands (Mana_5)</b>	Lower Tamaki (Mana_5b)	Tamaki River	From confluence with the Manawatu River at approx. NZMS 260 U23:709-003 to approx. NZMS 260 T23:683-167	South East Ruahine

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

Water Management Zone*	Sub-zone*	River^	Locality Description	Common Name of Scheme
		Rokaiwhana Stream	From confluence with the Tamaki River at approx. NZMS 260 T23:697-091 to approx. NZMS 260 T23:660-139	South East Ruahine
		Rokaiwhana Stream Tributary	From confluence with the Rokaiwhana Stream at approx. NZMS 260 T23:665-112 to approx. NZMS 260 T23:646-128 and at approx. NZMS 260 T23:649-120 to approx. NZMS 260 T23:651-126	South East Ruahine
		Rokaiwhana Stream Tributary	From confluence with the Rokaiwhana Stream at approx. NZMS 260 T23:661-130 to approx. NZMS 260 T23:668-148	South East Ruahine
		Tamaki River Tributary	From confluence with the Tamaki River at approx. NZMS 260 U23:706-100 to approx. NZMS 260 U23:712-120	South East Ruahine
		Tamaki River Tributary	From confluence with the west branch of the Tamaki River at approx. NZMS 260 T23:682-162 to approx. NZMS 260 T23:679-162	South East Ruahine
		Tamaki River Tributary (drain)	At approx. NZMS 260 U23:708-063 to approx. NZMS 260 U23:707-074	South East Ruahine
		Tamaki River Tributary (drain)	At approx. NZMS 260 U23:705-019 to approx. NZMS 260 U23:706-033	South East Ruahine
	Lower Kumeti (Mana_5c)	Otamaraho Stream	From confluence with the Mangapuaka/Kumeti Stream at approx. NZMS 260 T23:694-023 to approx. NZMS 260 T23:641-121	South East Ruahine
		Mangapuaka/Kumeti Stream Tributary	From confluence with the Mangapuaka/Kumeti Stream at approx. NZMS 260 T23:692-026 to approx. NZMS 260 T23:676-041 and at approx. NZMS 260 T23:678-039 to approx. NZMS 260 T23:680-040	South East Ruahine
	Tamaki-Hopelands (Mana_5)	Lower Kumeti (Mana_5c)	Otamaraho Stream Tributary	At approx. NZMS 260 T23:693-058 to approx. NZMS 260 T23:685-078 and at approx. NZMS 260 T23:692-062 to approx. NZMS 260 T23:691-075
Oruakeretaki (Mana_5d)		Oruakeretaki Stream	From confluence with the Manawatu River at approx. NZMS 260 T24:690-999 to approx. NZMS 260 T23:607-069	South East Ruahine
		Otamarahu Stream	From confluence with the Oruakeretaki Stream at approx. NZMS 260 T23:648-038 to approx. NZMS 260 T23:626-096	South East Ruahine
		Oruakeretaki Stream Tributary	From confluence with the Oruakeretaki Stream at approx. NZMS 260 T23:629-053 to approx. NZMS 260 T23:601-064	South East Ruahine

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

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River^</i>	<i>Locality Description</i>	<i>Common Name of Scheme</i>
		Mangapukakakahu Stream	From confluence with the Oruakeretaki Stream at approx. NZMS 260 T23:629-059 to approx. NZMS 260 T23:616-085	South East Ruahine
		Oruakeretaki Stream Tributary	From confluence with the Oruakeretaki Stream at approx. NZMS 260 T23:619-068 to approx. NZMS 260 T23:617-078	South East Ruahine
	Raparapawai (Mana_5e)	Raparapawai Stream	From confluence with the Manawatu River at approx. NZMS 260 T24:642-932 to approx. NZMS 260 T23:587-050	South East Ruahine
		Raparapawai Stream Tributary	From confluence with the Raparapawai Stream at approx. NZMS 260 T24:649-983 to approx. NZMS 260 T24:618-989 and at approx. NZMS 260 T24:624-985 to approx. NZMS 260 T24:624-983 and at approx. NZMS 260 T24:622-984 to approx. NZMS 260 T24:621-983	South East Ruahine
		Raparapawai Stream Tributary	At approx. NZMS 260 T23:612-013 to approx. NZMS 260 T23:608-021 and at approx. NZMS 260 T23:612-013 to approx. NZMS 260 T23:602-015	South East Ruahine
	Raparapawai (Mana_5a)	Manawatu River Tributary	From confluence with the Manawatu River at approx. NZMS 260 T24:623-916 to approx. NZMS 260 T24:628-946	South East Ruahine
<b>Upper Gorge (Mana_9)</b>	Mangapapa (Mana_9b)	Mangapapa Stream	From confluence with the Mangaatua Stream at approx. NZMS 260 T24:514-922 to approx. NZMS 260 T23:553-008 and at approx. NZMS 260 T23:549-000 to approx. NZMS 260 T23:542-007 and at approx. NZMS 260 T23:552-005 to approx. NZMS 260 T23:551-007	South East Ruahine
<b>Upper Gorge (Mana_9)</b>	Mangapapa (Mana_9b)	Mangapapa Stream Tributary (drain)	At approx. NZMS 260 T24:538-945 to approx. NZMS 260 T24:542-943	South East Ruahine
	Mangaatua (Mana_9c)	Mangaatua Stream	From confluence with the Manawatu River at approx. NZMS 260 T24:495-926 to approx. NZMS 260 T23:567-045	South East Ruahine
		Mangamanaia Stream	From confluence with the Mangaatua Stream at approx. NZMS 260 T24:501-924 to approx. NZMS 260 T24:518-957	South East Ruahine
		Mangaatua Stream Tributary (drain)	From confluence with the Mangaatua Stream at approx. NZMS 260 T24:524-919 to approx. NZMS 260 T24:538-916	South East Ruahine



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

Water Management Zone*	Sub-zone*	River^	Locality Description	Common Name of Scheme
		Mangaatua Stream Tributary and associated drainage network	From confluence with the Mangaatua Stream at approx. NZMS 260 T24:528-915 to approx. NZMS 260 T24:556-891 and at approx. NZMS 260 T24:552-899 to approx. NZMS 260 T24:553-900 and at approx. NZMS 260 T24:530-910 to approx. NZMS 260 T24:574-882 and at approx. NZMS 260 T24:531-908 to approx. NZMS 260 T24:541-895 and at approx. NZMS 260 T24:540-897 to approx. NZMS 260 T24:542-896 and at approx. NZMS 260 T24:532-908 to approx. NZMS 260 T24:531-907	South East Ruahine
		Mangaatua Stream Tributary	From confluence with the Mangaatua Stream at approx. NZMS 260 T24:581-964 to approx. NZMS 260 T24:592-968 and at approx. NZMS 260 T24:586-965 to approx. NZMS 260 T24:590-962	South East Ruahine
		Mangaatua Stream Tributary	From confluence with the Mangaatua Stream at approx. NZMS 260 T24:589-971 to approx. NZMS 260 T24:594-973	South East Ruahine
		Coppermine Stream	From confluence with the Mangaatua Stream at approx. NZMS 260 T23:577-013 to approx. NZMS 260 T23:562-027	South East Ruahine
Upper Gorge (Mana_9)	Mangaatua (Mana_9c)	Mangaatua Stream Tributary	At approx. NZMS 260 T24:518-928 to approx. NZMS 260 T24:521-931	South East Ruahine
		Mangaatua Stream Tributary (drain)	At approx. NZMS 260 T24:548-905 to approx. NZMS 260 T24:556-905 and at approx. NZMS 260 T24:551-906 to approx. NZMS 260 T24:554-902	South East Ruahine
		Mangaatua Stream Tributary (drain)	At approx. NZMS 260 T24:555-923 to approx. NZMS 260 T24:567-936 and at approx. NZMS 260 T24:563-928 to approx. NZMS 260 T24:563-934	South East Ruahine
		Mangaatua Stream Tributary	At approx. NZMS 260 T24:583-932 to approx. NZMS 260 T24:599-953 and at approx. NZMS 260 T24:593-942 to approx. NZMS 260 T24:607-943	South East Ruahine
		Mangaatua Stream Tributary	At approx. NZMS 260 T24:579-974 to approx. NZMS 260 T24:583-979	South East Ruahine
		Mangaatua Stream Tributary	At approx. NZMS 260 T24:577-985 to approx. NZMS 260 T24:584-985	South East Ruahine
Tamaki-Hopelands, Hopelands-Tiraumea (Mana_5, Mana_6)	Tamaki-Hopelands, Hopelands-Tiraumea (Mana_5a, Mana_6)	Armistead Drain 31	At approx. NZMS 260 T24:613-896 to approx. NZMS 260 T24:610-906	Upper Manawatu

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

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River^</i>	<i>Locality Description</i>	<i>Common Name of Scheme</i>
<b>Hopelands-Tiraumea (Mana_6)</b>	Hopelands-Tiraumea (Mana_6)	Murphy Drain 29	At approx. NZMS 260 T24:600-885 to approx. NZMS 260 T24:607-896	Upper Manawatu
		Jackson and Murphy Drain 28	At approx. NZMS 260 T24:600-889 to approx. NZMS 260 T24:588-921	Upper Manawatu, South East Ruahine
		Armistead and Jackson Drain 30	At approx. NZMS 260 T24:599-890 to approx. NZMS 260 T24:603-896	Upper Manawatu
		Manawatu River Tributary (drain)	From confluence of the Manawatu River at approx. NZMS 260 T24:557-872 to approx. NZMS 260 T24:564-881	South East Ruahine
<b>Tiraumea (Mana_7)</b>	Upper Tiraumea (Mana_7a)	Ihuraua River	At approx. NZMS 260 T25:516-547 to approx. NZMS 260 T25:453-450	Ihuraua
<b>Tiraumea (Mana_7)</b>	Lower Tiraumea (Mana_7b)	Tiraumea River	At approx. NZMS 260 T24:558-857 to approx. NZMS 260 T24:557-854	Mangatainoka
	Mangaone River (Mana_7c)	Mangaone River	At approx. NZMS 260 T25:514-666 to approx. NZMS 260 T25:452-616	Mangaone-Tawataia
		Tawataia Creek	From confluence with the Mangaone River at approx. NZMS 260 T25:471-637 to approx. NZMS 260 T25:470-563	Mangaone-Tawataia
		Tawataia Mangaone Scheme Detention Dam	100 metres upstream and downstream of approx. NZMS 260 T25:476-581	Mangaone-Tawataia
		Schnell-Hislop Drain 141	From confluence with the Tawataia Stream at approx. NZMS 260 T25:472-601 to source	Mangaone-Tawataia
		Schnell-Cooper Drain 190	From confluence with the Tawataia Stream at approx. NZMS 260 T25:466-612 to source	Mangaone-Tawataia
		Rongomai Drain 10 (part)	At approx. NZMS 260 T25:461-637 to approx. NZMS 260 T25:460-635	Mangaone-Tawataia
		Rongomai Drain 10 (part)	From confluence with the Mangaone River at approx. NZMS 260 T25:487-635 to approx. NZMS 260 T25:467-639 and to approx. NZMS 260 T25:468-646	Mangaone-Tawataia
Rongomai Drain 10 (part)	At approx. NZMS 260 T25:495-638 to approx. NZMS 260 T25:488-629	Mangaone-Tawataia		

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

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River^</i>	<i>Locality Description</i>	<i>Common Name of Scheme</i>
		Cattle Creek Drain 10a	At approx. NZMS 260 T25:479-635 to approx. NZMS 260 T25:479-614	Mangaone-Tawataia
		Simpson Drain 136	From confluence with the Mangaone River at approx. NZMS 260 T25:495-640 to approx. NZMS 260 T25:499-629 (east branch) and to approx. NZMS 260 T25:500-633 (west branch)	Mangaone-Tawataia
		Evans Drain 120	At approx. NZMS 260 T25:502-642 to approx. NZMS 260 T25:498-640	Mangaone-Tawataia
		MWRC Drain 237	At approx. NZMS 260 T25:472-571 to approx. NZMS 260 T25:470-571	Mangaone-Tawataia
<b>Tiraumea (Mana_7)</b>	Mangaramarama (Mana_7e)	Mangaramarama Creek	From confluence with the Tiraumea River at approx. NZMS 260 T24:557-854 to approx. NZMS 260 T25:485-657	Mangatainoka
		Greaves - Eames Drain	From confluence with the Mangaramarama Creek at approx. NZMS 260 T24:524-790 to approx. NZMS 260 T24:528-782	Mangatainoka
<b>Tiraumea Mangatainoka (Mana_7, Mana_8)</b>	Mangaramarama, Lower Mangatainoka (Mana_7e, Mana_8c)	Harveys Drains (part)	From confluence with the Mangaramarama Creek at approx. NZMS 260 T24:548-836 to source	Mangatainoka
<b>Mangatainoka (Mana_8)</b>	Lower, Middle and Upper Mangatainoka, (Mana_8a, Mana_8b, Mana_8c)	Mangatainoka River	From confluence with the Tiraumea River at approx. NZMS 260 T24:557-854 to approx. NZMS 260 T25:308-595	Mangatainoka
	Middle Mangatainoka (Mana_8b)	Mangamaire Stream	From confluence with the Mangatainoka River at approx. NZMS 260 T24:452-763 to approx. NZMS 260 T24:448-761	Mangatainoka
		Kamo Edwards Drain	From confluence with Mangatainoka River at approx. NZMS 260 T24:431-705 to source	Mangatainoka
		Bailie Avery Drain	From confluence with the Mangatainoka River at approx. NZMS 260 T25:407-697 to approx. NZMS 260 T25:390-685	Mangatainoka
		Hobbs, Avery, Manderson Drain	From confluence with the Mangatainoka River at approx. NZMS 260 T25:407-695 to approx. NZMS 260 T25:399-689	Mangatainoka
		Basset - Sowry Drain	At approx. NZMS 260 T25:390-676 to approx. NZMS 260 T25:380-673	Mangatainoka
		Berkett Drain	From confluence with the Mangatainoka River at approx. NZMS 260 T25:377-652 to source	Mangatainoka

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

Water Management Zone*	Sub-zone*	River^	Locality Description	Common Name of Scheme
		Nireaha Drain Network (part)	From confluence with the Mangatainoka River at approx. NZMS 260 T25:369-654 to approx. NZMS 260 T25:364-643	Mangatainoka
		Nireaha Drain Network (part)	From Nireaha Road bridge at approx. NZMS 260 T25:358-629 to source	Mangatainoka
		Mangaroa Stream	From confluence with the Mangatainoka River at approx. NZMS 260 T25:324-627 to approx. NZMS 260 S25:284-609	Mangatainoka
<b>Mangatainoka (Mana_8)</b>	Middle Mangatainoka (Mana_8b)	Kakariki Drains (part)	From confluence with the Mangaraupiu Stream at approx. NZMS 260 T25:326-660 to source	Mangatainoka
		Kakariki Drains (part)	At approx. NZMS 260 T25:329-666 to approx. NZMS 260 T25:325-667	Mangatainoka
		Kakariki Drains (part)	At approx. NZMS 260 T25:321-662 to approx. NZMS 260 T25:319-661	Mangatainoka
	Lower Mangatainoka (Mana_8c)	Mangatainoka River Tributary and part Harveys Drains	From confluence with Mangatainoka River at approx. NZMS 260 T24:542-846 to approx. NZMS 260 T24:540-826 and at approx. NZMS 260 T24:541-840 to approx. NZMS 260 T24:543-837	Mangatainoka
		Mangatainoka Tributary and Brewery Drain	From confluence with the Mangatainoka River at approx. NZMS 260 T24:534-834 to approx. NZMS 260 T24:530-825	Mangatainoka
		Huxley Street Drain	At approx. NZMS 260 T24:523-822 to approx. NZMS 260 T24:515-803	Mangatainoka
		Pahiatua North Drain Network	At approx. NZMS 260 T24:528-813 to source	Mangatainoka
		Pukemiku Road Drain Network	From confluence with the Mangatainoka River at approx. NZMS 260 T24:512-815 to source	Mangatainoka
		Donald and Grubner Drain	From confluence with the Mangatainoka River at approx. NZMS 260 T24:500-802 to approx. NZMS 260 T24:500-794	Mangatainoka
		Town Creek	At approx. NZMS 260 T24:502-792 to approx. NZMS 260 T24:498-782	Mangatainoka
<b>Mangatainoka (Mana_8)</b>	Makakahi (Mana_8d)	Makakahi River	From confluence with the Mangatainoka River at approx. NZMS 260 T24:475-775 to approx. NZMS 260 T25:382-582	Mangatainoka
		Westella-Hansen Drain	At approx. NZMS 260 T25:370-600 to source	Mangatainoka

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

Water Management Zone*	Sub-zone*	River^	Locality Description	Common Name of Scheme
Mangatainoka (Mana_8)	Makakahi (Mana_8d)	Hamua Drains (part)	From confluence with the Makakahi River at approx. NZMS 260 T25:421-673 to approx. NZMS 260 T25:400-670 and at approx. NZMS 260 T25:418-678 to approx. NZMS 260 T25:418-673	Mangatainoka
		Hamua Drains (part)	From confluence with the Makakahi River at approx. NZMS 260 T25:420-672 to approx. NZMS 260 T25:401-653 and at approx. NZMS 260 T25:415-667 to approx. NZMS 260 T25:413-665 and at approx. NZMS 260 T25:411-661 to approx. NZMS 260 T25:410-662	Mangatainoka
Upper Gorge (Mana_9)	Mangaatua (Mana_9c)	Owens Road Drain	At approx. NZMS 260 T24:502-923 to approx. NZMS 260 T24:500-908 and at approx. NZMS 260 T24:504-915 to approx. NZMS 260 T24:506-913	Upper Manawatu
		Woodland Road Drain	At approx. NZMS 260 T24:505-913 to approx. NZMS 260 T24:518-904	Upper Manawatu
	Upper and Lower Mangahao (Mana_9d, Mana_9e)	Mangahao River	From confluence with the Manawatu River at approx. NZMS 260 T24:496-892 to approx. NZMS 260 T24:465-815	Upper Manawatu
	Lower Mangahao (Mana_9e)	Soldiers Road Drain network	From confluence with the Mangahao River at approx. NZMS 260 T24:487-835 to source	Upper Manawatu
		Ruawhata Drain Network (part)	From confluence with the Mangahao River at approx. NZMS 260 T24:494-876 to source	Upper Manawatu
		Ruawhata Drain Network (part)	At approx. NZMS 260 T24:500-874 to approx. NZMS 260 T24:503-864	Upper Manawatu
		Ruawhata Drain Network (part)	At approx. NZMS 260 T24:498-875 to approx. NZMS 260 T24:501-870	Upper Manawatu
Middle Manawatu (Mana_10)	Middle Manawatu (Mana_10a)	Ashhurst Stream/Raukawa Road Drain	From confluence with the Manawatu River at approx. NZMS 260 T24:404-948 to approx. NZMS 260 T23:446-013	Ashhurst, Lower Manawatu
		Stoney Creek including Eagles and Whakarongo Drains	From confluence with the Manawatu River at approx. NZMS 260 T24:372-910 to approx. NZMS 260 T24:376-943 (Eagles) and to approx. NZMS 260 T24:380-946 (Whakarongo)	Lower Manawatu
Middle Manawatu (Mana_10)	Middle Manawatu (Mana_10a)	Goodman Badger Drain	From confluence with the Manawatu River at approx. NZMS 260 T24:381-927 to source	Lower Manawatu

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

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River^</i>	<i>Locality Description</i>	<i>Common Name of Scheme</i>	
	Upper, Middle and Lower Pohangina (Mana_10b, Mana_10c, Mana_10d)	Pohangina River	From confluence with the Manawatu River at approx. NZMS 260 T24:449-965 to approx. NZMS 260 T23:572-200	Pohangina Oroua	
	Upper Pohangina (Mana_10b)	Makawakawa Stream	From confluence with the Pohangina River at approx. NZMS 260 T23:572-200 to approx. NZMS 260 T23:574-198	Pohangina Oroua	
	Middle Pohangina (Mana_10c)	Pratt Drain (drain H)	From confluence with the Pohangina River at approx. NZMS 260 T23:468-078 to approx. NZMS 260 T23:464-078	Pohangina Oroua	
		Leamy Drain (drain J)	From confluence with the Pohangina River at approx. NZMS 260 T23:469-083 to approx. NZMS 260 T23:470-089	Pohangina Oroua	
		Tokeawa stream	From confluence with the Pohangina River at approx. NZMS 260 T23:475-085 to approx. NZMS 260 T23:481-085	Pohangina Oroua	
		Fairless Drain (drain K)	From confluence with the Pohangina River at approx. NZMS 260 T23:477-090 to approx. NZMS 260 T23:479-101 and to approx. NZMS 260 T23:475-100	Pohangina Oroua	
		Carroll Drain (drain L)	From confluence with the Pohangina River at approx. NZMS 260 T23:484-101 to approx. NZMS 260 T23:496-107	Pohangina Oroua	
		Caldwell Drain (drain M)	From confluence with the Pohangina River at approx. NZMS 260 T23:504-120 to approx. NZMS 260 T23:509-121	Pohangina Oroua	
		Lower Pohangina (Mana_10d)	Kirk Drain (drains A and B)	From confluence with the Manawatu River at approx. NZMS 260 T24:450-973 to source	Pohangina Oroua
	Hepburn Drain (drain C)		From confluence with the Pohangina River at approx. NZMS 260 T24:453-985 to source	Pohangina Oroua	
	Kirk Drain (drain D)		From confluence with the Pohangina River at approx. NZMS 260 T24:456-990 to source	Pohangina Oroua	
	<b>Middle Manawatu (Mana_10)</b>	Lower Pohangina (Mana_10d)	Jones-Edwards-Mai Drain (drain F)	From confluence with the Pohangina River at approx. NZMS 260 T23:458-040 to source	Pohangina Oroua
			McDonald Drain (drain G)	From confluence with the Pohangina River at approx. NZMS 260 T23:466-062 to source	Pohangina Oroua

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

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River^</i>	<i>Locality Description</i>	<i>Common Name of Scheme</i>
<b>Middle, Lower and Coastal, Manawatu</b>	Middle, Lower and Coastal Manawatu (Mana_10a, Mana_11a and Mana_13a)	Manawatu River	From the cross-river CMA boundary at approx. NZMS 260 S24:009-766 to the confluence with the Pohangina River at approx. NZMS 260 T24:449-965	Lower Manawatu
<b>Lower Manawatu (Mana_11)</b>	Lower Manawatu (Mana_11a)	Manawatu River Tributary	From confluence with the Manawatu River at approx. NZMS 260 S24:219-830 to source	Manawatu
		Manawatu River Tributary	From confluence with the Manawatu River at approx. NZMS 260 S24:254-848 to source	Manawatu
		Whitelocks Drain	At approx. NZMS 260 S24:227-834 to approx. NZMS 260 S24:233-838	Lower Manawatu
		Opiki Levee Bridge Blk No. 1	At approx. NZMS 260 S24:196-834 to approx. NZMS 260 S24:197-831	Lower Manawatu
		Opiki Levee Bridge Blk No. 2	At approx. NZMS 260 S24:203-830 to approx. NZMS 260 S24:197-832	Lower Manawatu
		Manawatu River Drain	At approx. NZMS 260 S24:195-838 to approx. NZMS 260 S24:194-841	Manawatu
		Opiki Levee Bridge Blk No. 3	At approx. NZMS 260 S24:193-827 to approx. NZMS 260 S24:190-829	Lower Manawatu
		Terry Drain	At approx. NZMS 260 S24:184-831 to source	Lower Manawatu, Manawatu
		MacAloons No. 2	At approx. NZMS 260 S24:172-824 to approx. NZMS 260 S24:174-823	Lower Manawatu
		MacAloons No. 1	At approx. NZMS 260 S24:163-826 to approx. NZMS 260 S24:168-824	Lower Manawatu
<b>Lower Manawatu (Mana_11)</b>	Upper and Lower Mangaone Stream (Mana_11d, Mana_11e)	Mangaone Stream	From confluence with the Manawatu River at approx. NZMS 260 S24:281-872 to approx. NZMS 260 T24:334-997	Lower Manawatu
	Upper Mangaone Stream (Mana_11d)	Mangaone Stream Tributary	From confluence with the Mangaone Stream at approx. NZMS 260 T24:319-963 to source	Manawatu
		Mangaone Stream Tributary	From confluence with the Mangaone Stream at approx. NZMS 260 T24:331-989 to approx. NZMS 260 T24:335-995	Lower Manawatu
		Mangaone Stream Tributary	At approx. NZMS 260 T24:300-939 to source	Manawatu

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

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River^</i>	<i>Locality Description</i>	<i>Common Name of Scheme</i>
		Mangaone Stream Tributary/drain	From confluence with the Mangaone Stream at approx. NZMS 260 T24:322-967 to source	Manawatu
		Mangaone Stream Tributary	From confluence with the Mangaone Stream at approx. NZMS 260 T24:325-969 to source	Manawatu
		Mangaone Stream Tributary	At approx. NZMS 260 T23:317-005 to source	Manawatu
		Darby Creek and Houghton Drain	From confluence with the Mangaone Stream at approx. NZMS 260 T24:325-978 to source	Lower Manawatu
	Upper Mangaone Stream, Main Drain (Mana_11d, Mana_11f)	Main Drain, Burkes Drain and Taonui Stream and connected tributaries including drains	From confluence with the Manawatu River at approx. NZMS 260 S24:181-835 to source	Manawatu
<b>Oroua (Mana_12)</b>	Upper Oroua (Mana_12a)	Paorangi Drain	From confluence with the Oroua River at approx. NZMS 260 T23:359-112 to approx. NZMS 260 T23:373-131	Pohangina Oroua
	Upper, Middle and Lower Oroua, Kiwitea (Mana_12a, Mana_12b, Mana_12c and Mana_12d)	Oroua River	From confluence with the Manawatu River at approx. NZMS 260 S24:165-826 to approx. NZMS 260 T23:518-270	Lower Manawatu, Pohangina Oroua
	Lower Oroua (Mana_12c)	Oroua River Tributary	At approx. NZMS 260 S24:149-846 to source	Te Kawau
		Blackmoor Drain	At approx. NZMS 260 S24:166-829 to source	Lower Manawatu
<b>Oroua (Mana_12)</b>	Middle Oroua, Kiwitea (Mana_12b, Mana_12d)	Kiwitea Stream	From confluence with the Oroua River at approx. NZMS 260 T23:308-067 to approx. NZMS 260 T23:358-162	Lower Manawatu, Kiwitea
	Makino (Mana_12e)	Makino Stream	From confluence with the Oroua River at approx. NZMS 260 S23:243-006 to approx. NZMS 260 T23:307-109	Lower Manawatu
<b>Oroua, Coastal Rangitikei (Mana_12, Rang_4)</b>	Lower Oroua, Coastal Rangitikei (Mana_12c and Rang_4a)	Sluggish Creek/Rongotea drainage network and tributary streams	From confluence with the Oroua River at approx. NZMS 260 S24:176-843 to source	Te Kawau
<b>Coastal Manawatu (Mana_13)</b>	Coastal Manawatu (Mana_13a)	Whitebait Creek and Tributaries	From confluence with the Manawatu River at approx. NZMS 260 S24:998-790 to source	Himatangi
		Seymours Oxbow Drain	From confluence with the Manawatu River at approx. NZMS 260 S24:135-759 to source	Makerua



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

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River^</i>	<i>Locality Description</i>	<i>Common Name of Scheme</i>
		Manawatu River tributaries (drains)	All drains situated between the Manawatu River and Moutoa Floodway, from their confluence with the Manawatu River to source	Moutoa
		Moutoa Floodway	From confluence with the Manawatu River at approx. NZMS 260 S24:109-769 to NZMS 260 S24:020-748	Lower Manawatu, Moutoa
		Moutoa Floodway tributaries (drains)	From confluence with the Moutoa Floodway to source	Moutoa
		Manawatu River Tributary (drain)	From confluence with the Manawatu River at approx. NZMS 260 S24:051-721 to source	Koputaroa
		Amon Drain and tributaries	Amon Drain, from confluence with the Manawatu River at approx. NZMS 260 S24:064-717 to source	Koputaroa
		Manawatu River Tributary (drain)	From confluence with the Manawatu River at approx. NZMS 260 S24:069-708 to source	Koputaroa
		Manawatu River Tributary (drain)	From confluence with the Manawatu River at approx. NZMS 260 S24:093-711 to source	Koputaroa
		Manawatu River Tributary Drain	At approx. NZMS 260 S24:158-822 to approx. NZMS 260 S24:164-824	Lower Manawatu
<b>Coastal Manawatu (Mana_13)</b>	Coastal Manawatu (Mana_13a)	Sargent Drain	At approx. NZMS 260 S24:156-819 to approx. NZMS 260 S24:151-813	Lower Manawatu
		Funell Drain	At approx. NZMS 260 S24:148-810 to approx. NZMS 260 S24:151-812	Lower Manawatu
		Funells No.1 Drain	At approx. NZMS 260 S24:143-804 to approx. NZMS 260 S24:143-803	Lower Manawatu
		Funells No.2 Drain	At approx. NZMS 260 S24:133-796 to approx. NZMS 260 S24:134-787	Lower Manawatu
		Funells No.3 Drain	At approx. NZMS 260 S24:119-786 to approx. NZMS 260 S24:123-786	Lower Manawatu
		Barnes Drain	At approx. NZMS 260 S24:108-781 to approx. NZMS 260 S24:114-784 and to approx. NZMS 260 S24:107-784	Lower Manawatu
		Phillips Drain	From approx. NZMS 260 S24:114-774 to source	Lower Manawatu

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

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River^</i>	<i>Locality Description</i>	<i>Common Name of Scheme</i>
	Coastal Manawatu, Lower Tokomaru (Mana_13a, Mana_13c)	Tokomaru River Tributary (drain network)	From confluence with the Tokomaru River at approx. NZMS 260 S24:143-729 to source, including all drains between Linton Drain and the Manawatu River	Makerua
	Lower Tokomaru (Mana_13c)	Linton Drain and tributaries including drains	From confluence with the Tokomaru River at approx. NZMS 260 S24:196-775 to source, including all drains between Linton Drain and the Manawatu River to the west and all drains from Main Trunk Railway to the east as far upstream as Columbus Street (Linton) at approx. NZMS 260 S24:253-835	Makerua, Lower Manawatu
		Tokomaru River	From confluence with the Manawatu River at approx. NZMS 260 S24:134-727 to approx. NZMS 260 S24:222-771	Makerua, Lower Manawatu
		Tokomaru River drain	From confluence with the Tokomaru River at approx. NZMS 260 S24:185-755 to approx. NZMS 260 S24:172-775	Makerua
		Tokomaru River drain	From confluence with the Tokomaru River at approx. NZMS 260 S24:187-761 to approx. NZMS 260 S24:173-784	Makerua
		Mangaharakeikei Stream	From confluence with the Tokomaru River at approx. NZMS 260 S24:186-755 to approx. NZMS 260 S24:203-749	Makerua
<b>Coastal Manawatu (Mana_13)</b>	Lower Tokomaru (Mana_13c)	Tokomaru River drain	From confluence with the Tokomaru River at approx. NZMS 260 S24:176-742 to source	Makerua
		Tokomaru River drain (network)	From confluence with the Tokomaru River at approx. NZMS 260 S24:180-747 to source	Makerua
		Kara Stream	From confluence with the Manawatu River at approx. NZMS 260 S24:145-730 to approx. NZMS 260 S24:168-712	Lower Manawatu
		Kara Stream Tributary (drains)	From confluence with the Kara Stream at approx. NZMS 260 S24:153-725 to source	Makerua
		Mangapuketea	From confluence with the Kara Stream at approx. NZMS 260 S24:160-720 to approx. NZMS 260 S24:178-724	Lower Manawatu
	Mangaore (Mana_13d)	Mangaore Stream	From confluence with the Manawatu River at approx. NZMS 260 S24:117-717 to approx. NZMS 260 S24:147-709	Lower Manawatu
		Mangaore Stream Tributary (drains)	From confluence with the Mangaore Stream at approx. NZMS 260 S24:124-716 to source	Makerua
		Mangaore Stream Tributary (drains)	From confluence with the Mangaore Stream at approx. NZMS 260 S24:126-716 to source	Koputaroa

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

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River^</i>	<i>Locality Description</i>	<i>Common Name of Scheme</i>
	Koputaroa (Mana_13e)	Koputaroa Stream	Koputaroa Stream from confluence with the Manawatu River at approx. NZMS 260 S24:106-710 to source	Koputaroa
	Foxton Loop (Mana_13f)	Manawatu River Tributary (drains)	From confluence with the Foxton Loop (Manawatu River) at approx. NZMS 260 S24:032-783 to source	Foxton East
		Manawatu River Tributary (drains)	From confluence with Foxton Loop (Manawatu River) at approx. NZMS 260 S24:024-771 to source	Whirikino
<b>Lower and Coastal Rangitikei (Rang_3, Rang_4)</b>	Lower, Coastal and Tidal Rangitikei (Rang_3a, Rang_4a and Rang_4b)	Rangitikei River	From the cross-river CMA boundary at approx. NZMS 260 S23:010-001 to approx. NZMS 260 T22:341-330	Rangitikei
<b>Coastal Rangitikei (Rang_4)</b>	Coastal Rangitikei (Rang_4a)	Parewanui Drains (part)	From confluence with the Rangitikei River at approx. NZMS 260 S23:046-004 to sources as far west and north as Parewanui Road.	Rangitikei
<b>Coastal Rangitikei (Rang_4)</b>	Coastal Rangitikei (Rang_4a)	Bulls Domain and Racecourse drains	From confluence with the Rangitikei River at approx. NZMS 260 S23:130-102 to source	Tutaenui
	Tidal Rangitikei (Rang_4b)	Forest Road Wetland Tributary	From approx. NZMS 260 S23:018-034 to source	Forest Road
		Forest Road Wetland Tributary	From approx. NZMS 260 S23:022-036 to source	Forest Road
	Tidal Rangitikei (Rang_4b)	Parewanui Drains (part)	From confluence with the Rangitikei River at approx. NZMS 260 S23:010-001 to source	Rangitikei
		Parewanui Drains (part)	From confluence with the Rangitikei River at approx. NZMS 260 S24:014-996 to source	Rangitikei
		Parewanui Drains (part)	From confluence with the Rangitikei River at approx. NZMS 260 S24:025-985 to source	Rangitikei
		Parewanui Drains (part)	From confluence with Forest Road Wetland at approx. NZMS 260 S23:024-024 to source	Rangitikei
	Porewa (Rang_4c)	Porewa Stream	From confluence with the Rangitikei River at approx. NZMS 260 S23:191-216 to approx. NZMS 260 T22:382-519	Porewa
Ongo Stream and Tributary		From confluence with the Porewa Stream at approx. NZMS 260 S22:259-348 to approx. NZMS 260 S22:249-379 and from approx. NZMS 260 S22:257-355 to approx. NZMS 260 S22:256-356	Porewa	

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

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River^</i>	<i>Locality Description</i>	<i>Common Name of Scheme</i>
		Porewa Scheme Detention Dam 29	100 metres upstream and downstream of approx. NZMS 260 T22:301-371	Porewa
		Porewa Scheme Detention Dam 39	100 metres upstream and downstream of approx. NZMS 260 S22:226-301	Porewa
		Porewa Scheme Detention Dam 42	100 metres upstream and downstream of approx. NZMS 260 S22:240-361	Porewa
		Porewa Scheme Detention Dam 43	100 metres upstream and downstream of approx. NZMS 260 S22:242-364	Porewa
<b>Coastal Rangitikei (Rang_4)</b>	Porewa (Rang_4c)	Porewa Scheme Detention Dam 44	100 metres upstream and downstream of approx. NZMS 260 S22:256-356	Porewa
		Porewa Scheme Detention Dam 45	100 metres upstream and downstream of approx. NZMS 260 S22:249-379	Porewa
		Porewa Scheme Detention Dam 46	100 metres upstream and downstream of approx. NZMS 260 S22:269-374	Porewa
		Porewa Scheme Detention Dam 54	100 metres upstream and downstream of approx. NZMS 260 S22:279-363	Porewa
		Porewa Scheme Detention Dam 62	100 metres upstream and downstream of approx. NZMS 260 T22:306-377	Porewa
		Porewa Scheme Detention Dam 63	100 metres upstream and downstream of approx. NZMS 260 T22:312-388	Porewa
		Porewa Scheme Detention Dam 64	100 metres upstream and downstream of approx. NZMS 260 T22:332-388	Porewa
		Porewa Scheme Detention Dam 73	100 metres upstream and downstream of approx. NZMS 260 S22:296-386	Porewa
		Porewa Scheme Detention Dam 75	100 metres upstream and downstream of approx. NZMS 260 S22:288-398	Porewa
		Porewa Scheme Detention Dam 82	100 metres upstream and downstream of approx. NZMS 260 T22:315-415	Porewa
		Porewa Scheme Detention Dam 83	100 metres upstream and downstream of approx. NZMS 260 T22:317-417	Porewa
		Porewa Scheme Detention Dam 84	100 metres upstream and downstream of approx. NZMS 260 T22:320-423	Porewa

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

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River^</i>	<i>Locality Description</i>	<i>Common Name of Scheme</i>
<b>Coastal Rangitikei (Rang_4)</b>		Porewa Scheme Detention Dam 85	100 metres upstream and downstream of approx. NZMS 260 T22:326-433	Porewa
		Porewa Scheme Detention Dam 86	100 metres upstream and downstream of approx. NZMS 260 T22:332-439	Porewa
	Porewa (Rang_4c)	Porewa Scheme Detention Dam 92	100 metres upstream and downstream of approx. NZMS 260 T22:319-398	Porewa
		Porewa Scheme Detention Dam 93	100 metres upstream and downstream of approx. NZMS 260 T22:327-408	Porewa
		Porewa Scheme Detention Dam 94	100 metres upstream and downstream of approx. NZMS 260 T22:333-415	Porewa
		Porewa Scheme Detention Dam 94A	100 metres upstream and downstream of approx. NZMS 260 T22:333-416	Porewa
		Porewa Scheme Detention Dam 95	100 metres upstream and downstream of approx. NZMS 260 T22:336-428	Porewa
		Porewa Scheme Detention Dam 96	100 metres upstream and downstream of approx. NZMS 260 T22:339-432	Porewa
		Porewa Scheme Detention Dam 97	100 metres upstream and downstream of approx. NZMS 260 T22:342-446	Porewa
		Porewa Scheme Detention Dam 98	100 metres upstream and downstream of approx. NZMS 260 T22:354-454	Porewa
		Porewa Scheme Detention Dam 100	100 metres upstream and downstream of approx. NZMS 260 T22:341-453	Porewa
	Tutaenui (Rang_4d)	Tutaenui Stream	From approx. NZMS 260 S23:100-093 to approx. NZMS 260 S23:146-296	Tutaenui
		Hanratty Drain	At approx. NZMS 260 S23:122-119 to approx. NZMS 260 S23:130-127	Tutaenui
		Lower Tutaenui Overflow Channel	At approx. NZMS 260 S23:126-130 to approx. NZMS 260 S23:128-131	Tutaenui
		Tricker Drain	At approx. NZMS 260 S23:127-133 to approx. NZMS 260 S23:127-135	Tutaenui
Tutaenui Stream Tributary		From confluence with the Tutaenui Stream at approx. NZMS 260 S23:135-202 to approx. NZMS 260 S23:118-216	Tutaenui	

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

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River^</i>	<i>Locality Description</i>	<i>Common Name of Scheme</i>
Coastal Rangitikei (Rang_4)	Tutaenui (Rang_4d)	Tutaenui Stream Tributary	From confluence with the Tutaenui Stream at approx. NZMS 260 S23:133-212 to approx. NZMS 260 S23:136-227 and to approx. NZMS 260 S23:146-224	Tutaenui
		Marton West Stream and drain	At approx. NZMS 260 S23:130-216 to approx. NZMS 260 S23:123-229 and to approx. NZMS 260 S23:129-211	Tutaenui
		Tutaenui Scheme Detention Dam E1	100 metres upstream and downstream of approx. NZMS 260 S23:144-183	Tutaenui
		Tutaenui Scheme Detention Dam E2	100 metres upstream and downstream of approx. NZMS 260 S23:146-224	Tutaenui
		Tutaenui Scheme Detention Dam E3	100 metres upstream and downstream of approx. NZMS 260 S23:155-241	Tutaenui
		Tutaenui Scheme Detention Dam E4	100 metres upstream and downstream of approx. NZMS 260 S23:153-251	Tutaenui
		Tutaenui Scheme Detention Dam E6	100 metres upstream and downstream of approx. NZMS 260 S23:158-271	Tutaenui
		Tutaenui Scheme Detention Dam E7	100 metres upstream and downstream of approx. NZMS 260 S23:143-271	Tutaenui
		Tutaenui Scheme Detention Dam E8	100 metres upstream and downstream of approx. NZMS 260 S23:143-279	Tutaenui
		Tutaenui Scheme Detention Dam E9	100 metres upstream and downstream of approx. NZMS 260 S23:149-297	Tutaenui
		Tutaenui Scheme Detention Dam E10	100 metres upstream and downstream of approx. NZMS 260 S23:165-302	Tutaenui
		Tutaenui Scheme Detention Dam E11	100 metres upstream and downstream of approx. NZMS 260 S23:170-301	Tutaenui
		Tutaenui Scheme Detention Dam W1	100 metres upstream and downstream of approx. NZMS 260 S23:147-170	Tutaenui
		Tutaenui Scheme Detention Dam W2	100 metres upstream and downstream of approx. NZMS 260 S23:119-239	Tutaenui
Coastal Rangitikei (Rang_4)	Tutaenui (Rang_4d)	Tutaenui Scheme Detention Dam W3	100 metres upstream and downstream of approx. NZMS 260 S23:119-248	Tutaenui

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

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River^</i>	<i>Locality Description</i>	<i>Common Name of Scheme</i>
		Tutaenui Scheme Detention Dam W4	100 metres upstream and downstream of approx. NZMS 260 S23:126-247	Tutaenui
		Tutaenui Scheme Detention Dam W5	100 metres upstream and downstream of approx. NZMS 260 S23:130-259	Tutaenui
		Tutaenui Scheme Detention Dam W6	100 metres upstream and downstream of approx. NZMS 260 S23:133-263	Tutaenui
		Tutaenui Scheme Detention Dam W7	100 metres upstream and downstream of approx. NZMS 260 S23:136-286	Tutaenui
		Tutaenui Scheme Detention Dam W8	100 metres upstream and downstream of approx. NZMS 260 S23:141-288	Tutaenui
<b>Cherry Grove, Te Maire (Whai_2, Whai_3)</b>	Cherry Grove, Te Maire (Whai_2a and Whai_3)	Whanganui River	At approx. NZMS 260 S18:054-531 to approx. NZMS 260 S18:127-541	Upper Whanganui
<b>Cherry Grove (Whai_2)</b>	Lower Ongarue (Whai_2g)	Ongarue River	From confluence with the Whanganui River at approx. NZMS 260 S18:055-545 to approx. NZMS 260 S18:051-572	Upper Whanganui
<b>Lower Whanganui (Whai_7)</b>	Lower Whanganui (Whai_7a)	Mateongaonga Stream	From confluence with the Whanganui River at approx. NZMS 260 R22:877-433 to confluence with Mangamoku Stream at approx. NZMS 260 S22:937-430	Matarawa
		Mangamoku Stream	From confluence with the Mateongaonga Stream at approx. NZMS 260 S22:937-430 to source	Matarawa
		Mateongaonga Stream Tributary	From confluence with Mateongaonga Stream at approx. NZMS 260 R22:889-422 to approx. NZMS 260 R22:893-410	Matarawa
		Kaimatira Road Drain	At approx. NZMS 260 R22:890-420 to approx. NZMS 260 S22:901-420	Matarawa
	Matarawa (Whai_7d)	Matarawa Stream and Tributary, including two detention dams	From approx. NZMS 260 R22:870-409 to approx. NZMS 260 S22:011-368 and at approx. NZMS 260 S22:961-387 to approx. NZMS 260 S22:967-860	Matarawa
<b>Lower Whanganui (Whai_7)</b>	Matarawa (Whai_7d)	Bardell Drain network	From the confluence with the Matarawa Stream at approx. NZMS 260 R22:893-410 to source	Matarawa
		Mangaone Stream and Tributary, including one detention dam	From confluence with the Matarawa Stream at approx. NZMS 260 S22:915-399 to approx. NZMS 260 S22:940-394 and at approx. NZMS 260 S22:940-394 to approx. NZMS 260 S22:953-403	Matarawa

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

Water Management Zone*	Sub-zone*	River <sup>A</sup>	Locality Description	Common Name of Scheme
		Railway Drain	At approx. NZMS 260 S22:917-399 to approx. NZMS 260 S22:924-394	Matarawa
		Kaukatea Stream and Tributary including one detention dam	From confluence with the Mangaone Stream at approx. NZMS 260 S22:919-399 to NZMS 260 S22:002-425 and at approx. NZMS 260 S22:986-417 to approx. NZMS 260 S22:989-416	Matarawa
		Okoia Drain	At approx. NZMS 260 S22:922-398 to source	Matarawa
		Kaukatea Stream Tributary Detention Dam	100 metres upstream and downstream of approx. NZMS 260 S22:987-415	Matarawa
<b>Lower and Coastal Whangaehu (Whau_3, Whau_4)</b>	Lower and Coastal Whangaehu (Whau_3a, Whau_4)	Whangaehu River	From the cross-river CMA boundary at approx. NZMS 260 S23:903-287 to approx. NZMS 260 S22:089-466	Whangaehu
<b>Lower Whangaehu (Whau_3)</b>	Lower Whangaehu (Whau_3a)	Mangawhero River	From confluence with the Whangaehu River at approx. NZMS 260 S22:065-471 to approx. NZMS 260 S22:041-550	Whangaehu
	Upper Mangawhero (Whau_3d)	Mangahowhi Stream and detention dam	At approx. NZMS 260 S20:100-920 to approx. NZMS 260 S20:146-922	Pakahi
		Mangahowhi Tributary stream and detention dam	From confluence with the Mangahowhi Stream at approx. NZMS 260 S20:138-921 to approx. NZMS 260 S20:138-919	Pakahi
<b>Coastal Whangaehu (Whau_4)</b>	Coastal Whangaehu (Whau_4)	Whangaehu River Tributary and drains	From confluence with the Whangaehu River at approx. NZMS 260 S22:988-319 to approx. NZMS 260 S22:014-328 and to approx. NZMS 260 S22:010-334 and to approx. NZMS 260 S22:007-326	Haunui
<b>Coastal Whangaehu (Whau_4)</b>	Coastal Whangaehu (Whau_4)	Whangaehu River Tributary and drains	From confluence with the Whangaehu River at approx. NZMS 260 S22:006-338 to source	Haunui
		Whangaehu River Tributary and drains	From confluence with the Whangaehu River at approx. NZMS 260 S22:009-341 to source	Haunui
<b>Turakina (Tura_1)</b>	Lower Turakina (Tura_1)	Makirikiri Stream	From confluence with the Turakina River at approx. NZMS 260 S23:955-245 to approx. NZMS 260 S23:985-250	Makirikiri
		Makirikiri Stream Tributary (drain/spillway)	From confluence with the Makirikiri Stream Tributary at approx. NZMS 260 S23:981-247 to confluence with Makirikiri Stream at approx. NZMS 260 S23:983-250	Makirikiri
<b>Ohau (Ohau_1)</b>	Upper and Lower Ohau (Ohau_1a, 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



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

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River^</i>	<i>Locality Description</i>	<i>Common Name of Scheme</i>
	Lower Ohau (Ohau_1a)	Ohau Loop	From confluence with the Ohau River at approx. NZMS 260 S25:936-586 to approx. NZMS 260 S25:939-583 and at approx. NZMS 260 S25:933-586 to approx. NZMS 260 S25:929-585	Ohau Manakau
		Lake Waitaha outlet stream	From confluence with the Ohau River at approx. NZMS 260 S25:946-580 to source	Ohau Manakau
		Kuku Stream	From confluence with the Ohau River at approx. NZMS 260 S25:947-578 to approx. NZMS 260 S25:022-547	Ohau Manakau
		Kuku Stream Tributary and drains	From confluence with the Kuku Stream at approx. NZMS 260 S25:948-577 to source	Ohau Manakau
		Kuku Stream Tributary and drains	From confluence with the Kuku Stream at approx. NZMS 260 S25:952-571 to source	Ohau Manakau
		Kuku Stream Tributary and drains	From confluence with the Kuku Stream at approx. NZMS 260 S25:961-567 to approx. NZMS 260 S25:977-563	Ohau Manakau
		Haines Drain and tributaries (drains)	From confluence with the Ohau River at approx. NZMS 260 S25:952-578 to source	Ohau Manakau
<b>Ohau (Ohau_1)</b>	Lower Ohau (Ohau_1a)	Parkin Drain and tributaries	From confluence with the Ohau River at approx. NZMS 260 S25:960-582 to source	Ohau Manakau
		Burnell Drain and tributaries	From confluence with the Ohau River at approx. NZMS 260 S25:963-585 to source	Ohau Manakau
		Catley Drain and tributaries	From confluence with the Ohau River at approx. NZMS 260 S25:967-581 to source	Ohau Manakau
		Honore Drain and tributaries	From confluence with the Ohau River at approx. NZMS 260 S25:972-586 to source	Ohau Manakau
<b>Akitio (Akit_1)</b>	Upper and Lower Akitio (Akit_1a and Akit_1b)	Akitio River	From the cross-river CMA boundary at approx. NZMS 260 U25:996-618 to approx. NZMS 260 U24:918-832	Akitio
	Lower Akitio (Akit_1b)	Wakawaihine Stream	From confluence with the Akitio River at approx. NZMS 260 U25:985-658 to approx. NZMS 260 U25:985-660	Akitio
		Akitio River Tributary	From confluence with the Akitio River at approx. NZMS 260 U25:982-658 to approx. NZMS 260 U25:980-657	Akitio
		Mangahewa Stream	From confluence with the Akitio River at approx. NZMS 260 U24:967-700 to approx. NZMS 260 U24:968-702	Akitio

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

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River^</i>	<i>Locality Description</i>	<i>Common Name of Scheme</i>
		Akitio River Tributary	From confluence with the Akitio River at approx. NZMS 260 U24:955-705 to approx. NZMS 260 U24:955-702	Akitio
		Akitio River Tributary	From confluence with the Akitio River at approx. NZMS 260 U24:950-714 to approx. NZMS 260 U24:951-716	Akitio
		Mangahuia Stream	From confluence with the Akitio River at approx. NZMS 260 U24:932-706 to approx. NZMS 260 U24:932-704	Akitio
		Mangaone Stream	From confluence with the Akitio River at approx. NZMS 260 U24:929-713 to approx. NZMS 260 U24:929-711	Akitio
		Waihoru Stream	From confluence with the Akitio River at approx. NZMS 260 U24:907-722 to approx. NZMS 260 U24:906-723	Akitio
		Rakauphipuhi Stream	From confluence with the Akitio River at approx. NZMS 260 U24:913-762 to approx. NZMS 260 U24:914-763	Akitio
<b>Akitio (Akit_1)</b>	Lower Akitio (Akit_1b)	Akitio River Tributary	From confluence with the Akitio River at approx. NZMS 260 U24:889-761 to approx. NZMS 260 U24:888-760	Akitio
		Makupara Stream	From confluence with the Akitio River at approx. NZMS 260 U24:881-767 to NZMS 260 U24:879-766	Akitio
		Akitio River Tributary	From confluence with the Akitio River at approx. NZMS 260 U24:882-768 to approx. NZMS 260 U24:882-770	Akitio
		Akitio River Tributary	From confluence with the Akitio River at approx. NZMS 260 U24:898-781 to approx. NZMS 260 U24:898-783	Akitio
		Akitio River Tributary	From confluence with the Akitio River at approx. NZMS 260 U24:888-788 to approx. NZMS 260 U24:887-790	Akitio
		Waihi River	From confluence with the Akitio River at approx. NZMS 260 U24:895-802 to NZMS 260 U24:894-803	Akitio
		Table Stream	From confluence with the Akitio River at approx. NZMS 260 U24:910-812 to NZMS 260 U24:909-813	Akitio
		Tahuokaretu Stream	From confluence with the Akitio River at approx. NZMS 260 U24:913-817 to NZMS 260 U24:914-816	Akitio
<b>Southern Whanganui Lakes (West_5)</b>	Southern Whanganui Lakes (West_5)	Raumai Range Stream Tributary	From confluence with the Raumai Range Stream at approx. NZMS 260 S23:990-083 to source	Forest Road
<b>Northern Manawatu Lakes (West_6)</b>	Northern Manawatu Lakes (West_6)	Coastal Lake Station Stream	From the cross-river CMA boundary at approx. NZMS 260 S24:989-875 to source	Himatangi

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

<b>Water Management Zone*</b>	<b>Sub-zone*</b>	<b>River^</b>	<b>Locality Description</b>	<b>Common Name of Scheme</b>
<b>Lake Papaitonga (West_7)</b>	Lake Papaitonga (West_7)	Waiwiri Stream and Lake Papaitonga	From approx. NZMS 260 S25:935-620 to source	Ohau/Manakau
<b>Waikawa (West_9)</b>	Waikawa (West_9a)	Waikawa Stream	From approx. NZMS 260 S25:921-561 to approx. NZMS 260 S25:994-519	Ohau/Manakau
		Campbell Drain	From confluence with the Waikawa Stream at approx. NZMS 260 S25:943-548 to source	Ohau/Manakau
		Waikawa Stream Tributary	From confluence with the Waikawa Stream at approx. NZMS 260 S25:994-519 to source	Ohau/Manakau
<b>Waikawa (West_9)</b>	Manakau (West_9b)	Manakau Stream	From confluence with the Waikawa Stream at approx. NZMS 260 S25:946-549 to confluence with the Waiauti Stream at approx. NZMS 260 S25:966-508	Ohau/Manakau
		Waiauti Stream	From confluence with the Manakau Stream at approx. NZMS 260 S25:966-508 to approx. NZMS 260 S25:966-489	Ohau/Manakau
		Waiauti Stream Tributary	From confluence with the Waiauti Stream at approx. NZMS 260 S25:968-492 to approx. NZMS 260 S25:978-484	Ohau/Manakau
		Manakau Stream Tributary including drains	From confluence with the Manakau Stream at approx. NZMS 260 S25:947-546 to source	Ohau/Manakau
		Manakau Stream Tributary including drains	From confluence with the Manakau Stream at approx. NZMS 260 S25:950-543 to source	Ohau/Manakau
<b>Lake Horowhenua (Hoki_1)</b>	Lake Horowhenua, Hoki (Hoki_1a, Hoki_1b))	Hokio Tributary (drains)	From the confluence with the Hokio Stream at approx. NZMS 260 S25:980-646 to source	Hokio
	Lake Horowhenua (Hoki_1a)	Hokio Stream	From the cross-river CMA boundary at approx. NZMS 260 S25:950-658 to Lake Horowhenua at approx. NZMS 260 S25:993-643	Hokio
		Lake Horowhenua Tributary (drain)	From confluence with Lake Horowhenua at approx. NZMS 260 S25:996-628 to source	Hokio
		Mairua Drain network	From confluence with Lake Horowhenua at approx. NZMS 260 S25:014-653 to sources as far west as approx. NZMS 260 S25:008-664 as far north as approx. NZMS 260 S25:020-664 and as far east as approx. NZMS 260 S25:031-657	Hokio

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

<i>Water Management Zone*</i>	<i>Sub-zone*</i>	<i>River^</i>	<i>Locality Description</i>	<i>Common Name of Scheme</i>
<b>Lake Horowhenua, Ohau (Hoki_1, Ohau_1)</b>	Lake Horowhenua, Lower Ohau (Hoki_1a, Ohau_1b)	Arawhata Drain and tributaries including McLeavey, Kohitere and Kimberley Transit drains	From confluence with Arawhata Drain at approx. NZMS 260 S25:003-628 to sources as far south as Buller and McLeavy Roads as far north as Hokio Beach Road as far west as Sand Road and as far east as Arapaepae Road	Hokio
<b>Lake Horowhenua, Ohau (Hoki_1, Ohau_1)</b>	Lake Horowhenua, Lower Ohau (Hoki_1a, Ohau_1b)	Hokio Beach Rd drain and tributaries including Boulton Rd drain	From confluence with Arawhata Drain at approx. NZMS 260 S25:001-625 to source	Hokio
		Painua drains and tributaries	From confluence with Arawhata Drain at approx. NZMS 260 S25:996-622 to source	Hokio
		Whelans Drain and tributaries including Farm Road, Kimberley and Pescini drains	From confluence with Arawhata Drain at approx. NZMS 260 S25:994-619 to Kimberley Centre at approx. NZMS 260 S25:028-589	Hokio
		Arawhata Tributary (drain)	From confluence with Arawhata Drain at approx. NZMS 260 S25:989-613 to confluence with Farm Road drain at approx. NZMS 260 S25:999-605	Hokio

### Part AB.3: Surface Water<sup>^</sup> Management Values Key: showing the management objectives, where the Values apply and where to find them in Schedule AB

Value Group	Individual Values	Management Objective	Where it applies	Location in Schedule AB
Ecosystem Values	NS	Natural State	The river <sup>^</sup> and its bed <sup>^</sup> are maintained in their natural state	Public Conservation Land Figure AB:2 page AB-24 and Table AB.2 page AB-25
	LSC	Life-supporting Capacity	The water body <sup>^</sup> and its bed <sup>^</sup> support healthy aquatic life/ecosystems	All natural water bodies <sup>^</sup> and their beds <sup>^</sup> (8 LSC classes) Figure AB:1 page AB-18
	SOS-A	Sites of Significance - Aquatic	Sites of significance for indigenous aquatic biodiversity are maintained or enhanced	Specified sites/reaches Figure AB:3 page AB-27 and Table AB.3 pages Ba-28 to AB-38
	SOS-R	Sites of Significance - Riparian	Sites of significance for indigenous riparian biodiversity are maintained or enhanced	Specified sites/reaches Figure AB:4 page AB-40 and Table AB.4 pages AB-41 to AB-43
	IS	Inanga Spawning	The water body <sup>^</sup> and its bed <sup>^</sup> sustain healthy inanga spawning and egg development	Specified sites/reaches Figure AB:5 page AB-48 and Table AB.5 pages AB-49 to AB-50
	WM	Whitebait <sup>^</sup> Migration	The water body <sup>^</sup> and its bed <sup>^</sup> are maintained or enhanced to provide safe passage of inwardly migrating juvenile native fish known collectively as whitebait <sup>^</sup>	Specified sites/reaches Figure AB:6 page AB-56 and Table AB.6 pages AB-57 to AB-59
Recreational and Cultural Values	CR	Contact Recreation	The water body <sup>^</sup> and its bed <sup>^</sup> are suitable for contact recreation	All natural water bodies <sup>^</sup> and their beds <sup>^</sup>
	Mau	Mauri <sup>^</sup>	The mauri <sup>^</sup> of the water body <sup>^</sup> and its bed <sup>^</sup> is maintained or enhanced	All natural water bodies <sup>^</sup> and their beds <sup>^</sup>
	SOS-C	Sites of Significance - Cultural	Sites of significance for cultural values are maintained	Specified sites for the Manawatu River in Mana_10a, 11a, 13a and 13f Figure AB:7 page AB-60 and Table AB.7 pages AB-61 to AB-62
	TF	Trout Fishery	The water body <sup>^</sup> and its bed <sup>^</sup> sustain healthy rainbow or brown trout fisheries	Specified zones/reaches (3 categories) Figure AB:8 page AB-64 and Table AB.8 pages AB-65 to AB-72
	TS	Trout Spawning	The water body <sup>^</sup> and its bed <sup>^</sup> meet the requirements of rainbow and brown trout spawning and larval and fry development	Specified sites/reaches Figure AB:9 page AB-74 and Table AB.9 pages AB-75 to AB-85
	AE	Aesthetics	The aesthetic values of the water body <sup>^</sup> and its bed <sup>^</sup> are maintained or enhanced	All natural water bodies <sup>^</sup> and their beds <sup>^</sup>
	Water <sup>^</sup> Use	WS	Water <sup>^</sup> Supply	The water <sup>^</sup> is suitable, after treatment, as a drinking water <sup>^</sup> source for human consumption
IA		Industrial Abstraction	The water <sup>^</sup> is suitable as a water <sup>^</sup> source for industrial abstraction or use, including for hydroelectricity generation	All natural water bodies <sup>^</sup> except those classified as NS and those identified as zero allocation Water Management Zones <sup>^</sup> or Sub-zones <sup>^</sup> in Schedule B
I		Irrigation	The water <sup>^</sup> is suitable as a water <sup>^</sup> source for irrigation	All natural water bodies <sup>^</sup> except those classified as NS and those identified as zero allocation Water Management Zones <sup>^</sup> or Sub-zones <sup>^</sup> in Schedule B
SW		Stockwater	The water <sup>^</sup> is suitable as a supply of drinking water <sup>^</sup> for livestock	All water bodies <sup>^</sup> including artificial
Social/Economic Values	CAP	Capacity to Assimilate Pollution	The capacity of a water body <sup>^</sup> and its bed <sup>^</sup> to assimilate pollution is not exceeded	All natural water bodies <sup>^</sup> and their beds <sup>^</sup> except NS
	FC/D	Flood Control and Drainage	The integrity of existing flood and river <sup>^</sup> bank erosion protection structures <sup>^</sup> and existing drainage structures <sup>^</sup> is not compromised	Existing flood/ erosion control and drainage schemes Figure AB:11 page AB-95 and Table AB.11 pages AB-96 to AB-120
	EI	Existing Infrastructure <sup>^</sup>	The integrity of existing infrastructure <sup>^</sup> is not compromised	This applies in the general vicinity of any existing infrastructure <sup>^</sup> such as roads, culverts, bridges, water <sup>^</sup> intakes, discharge <sup>^</sup> pipes, flow recording stations and gas pipelines

[Formerly POP at D-1 to D-2]

#### Surface Water<sup>^</sup> Management Values Classification Sub-code Key

Value	Classification Sub-codes
LSC	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
TF	I: Outstanding II: Regionally Significant III: Other Trout Fishery

[Formerly POP at D-3]

