# Schedule B: Surface Water^ Management Values

Schedule B is a component of Part II - the Regional Plan.

This Schedule uses the terminology "Surface *Water*\" Management Values". In some cases, these Values also apply to the *beds*\" of the relevant *water body*\". This is clarified in Part B.3 and the respective policies and rules of Part II.

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## Part B.1: Surface Water<sup>^</sup> Management Values listed by Sub-zone<sup>\*</sup>

**ADVICE NOTE:** To help with interpretation of these tables please turn to Part B.3 (the back of Schedule B) and fold out the **VALUES KEY** and view together with the tables and figures in this schedule.

#### Legend:

Table Headings: LSC: Life-supporting Capacity; AE: Aesthetics; CR: Contact Recreation; Mau: Mauri; IA: Industrial Abstraction; I: Irrigation; SW: Stockwater; EI: Existing Infrastructure\*; CAP: Capacity to Assimilate Pollution; NS: Natural State; SOS-A: Sites of Significance - Aquatic; SOS-R: Sites of Significance - Recreation; IS: Inanga Spawning; AM: Amenity; WM: Whitebait\* migration; SOS-C: Sites of Significance - Cultural; TF: Trout Fishery; TS: Trout Spawning; WS: Water Supply; DFS: Domestic Food Supply; FC/D: Flood Control and Drainage.

Key for LSC Classes: **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. The LSC Classes are listed as the geology of the catchment influences water quality and life-supporting capacity

Key for Fishery Classes: I: Outstanding, II: Regionally Significant, III: Other Trout Fishery

Table B.1: Su	ırface <i>Water</i> ^ M	anagement Values by Sub-zone*																					
Water	Sub-zone*	Sub-zone* Description <sup>1</sup>				Zone	-wide V	alues/								5	Site/R	each-spe	ecific \	/alues			
Management Zone*	Sub-zone	Sub-zone Description:	LSC	AE	CR	Mau	IA <sup>2</sup>	<b>l</b> <sup>2</sup>	SW	El	CAP <sup>3</sup>	NS	SOS-A	SOS-R	IS	AM	WM	SOS-C	TF	TS	WS	DFS	FC/D
	Upper Manawatu (Mana_1a)	Manawatu River from Weber Road at approx. NZMS 260 U23:751-027 to source	НМ	<b>✓</b>	✓	<b>✓</b>	✓	✓	<b>✓</b>	✓	<b>✓</b>	<b>✓</b>	✓			✓				<b>√</b>			<b>✓</b>
Upper Manawatu (Mana_1)	Mangatewainui (Mana_1b)	Mangatewainui River from Manawatu River confluence at approx. NZMS 260 U23:829-086 to source	НМ	<b>√</b>	✓	<b>~</b>	✓	✓	<b>✓</b>	✓	<b>✓</b>	<b>\</b>	✓						II	<b>~</b>			✓
(Wana_1)	Mangatoro (Mana_1c)	Mangatoro Stream from Manawatu River confluence at approx. NZMS 260 U23:810-027 to source	HSS	<b>√</b>	✓	<b>✓</b>	✓	✓	<b>✓</b>	✓	<b>✓</b>	<b>~</b>							=	<b>✓</b>			<b>√</b>
Weber-Tamaki	Weber-Tamaki (Mana_2a)	Manawatu River from Tamaki River confluence at approx. NZMS 260 U23:709-003 to Weber Road at approx. NZMS 260 U23:751-027	НМ	✓	<b>✓</b>	✓	<b>✓</b>	✓	<b>✓</b>	<b>✓</b>	<b>✓</b>			<b>✓</b>					II				✓
(Mana_2)	Mangatera (Mana_2b)	Mangatera Stream from Manawatu River confluence at approx. NZMS 260 U23:737-025 to source	НМ	✓	✓	✓	✓	✓	<b>✓</b>	✓	<b>✓</b>									✓			<b>✓</b>

<sup>1</sup> Includes all inflowing tributaries and surrounding catchment area unless otherwise specified.

All natural water bodies\* and their beds^ except those classified as NS.



<sup>&</sup>lt;sup>2</sup> All natural water bodies\* except those classified as NS and those identified as zero allocation in Schedule C.

Water	Cub*	Cut and Description				Zone	-wide \	/alues								9	Site/R	each-spe	cific \	/alues			
Management Zone*	Sub-zone*	Sub-zone* Description1	LSC	AE	CR	Mau	IA <sup>2</sup>	<b> </b> 2	SW	El	CAP <sup>3</sup>	NS	SOS-A	SOS-R	IS	AM	WM	SOS-C	TF	TS	WS	DFS	FC/D
Upper Tamaki (Mana_3)	Upper Tamaki (Mana_3)	Tamaki River from water supply weir at approx. NZMS 260 U23:709-111 to source	UHS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓							✓	✓		✓
Upper Kumeti (Mana_4)	Upper Kumeti (Mana_4)	Kumeti Stream from Te Rehunga flow recorder at approx. NZMS 260 T23:663-052 to source	UHS	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>✓</b>										<b>√</b>
	Tamaki- Hopelands (Mana_5a)	Manawatu River from Hopelands at approx.  NZMS 260 T24:616-899  to Tamaki River confluence at approx. NZMS 260 U23:709-003	НМ	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>			<b>✓</b>					II	<b>√</b>			<b>~</b>
Tamaki-	Lower Tamaki (Mana_5b)	Tamaki River from Manawatu River confluence at approx. NZMS 260 U23:709-002 to water supply weir at approx. NZMS 260 U23:709-111	НМ	>	<b>✓</b>	✓	>	✓	<b>✓</b>	>	<b>✓</b>	>	<b>✓</b>							✓			<b>√</b>
Hopelands (Mana_5)	Lower Kumeti (Mana_5c)	Kumeti Stream from Manawatu River confluence at approx. NZMS 260 U23:701-006 to Te Rehunga flow recorder at approx. NZMS 260 T23:663-052	НМ	✓	<b>√</b>	<b>✓</b>	✓	<b>✓</b>	<b>✓</b>	✓	<b>✓</b>	✓								✓			<b>✓</b>
	Oruakeretaki (Mana_5d)	Oruakeretaki Stream from Manawatu River confluence at approx. NZMS 260 T23:690-000 to source	НМ	✓	✓	~	✓	✓	<b>✓</b>	✓	<b>✓</b>	✓	<b>√</b>							<b>✓</b>			<b>✓</b>
	Raparapawai (Mana_5e)	Raparapawai Stream from Manawatu River confluence at approx. NZMS 260 T24:643-932 to source	НМ	✓	✓	✓	<b>√</b>	✓	<b>✓</b>	✓	<b>✓</b>	✓								✓			<b>✓</b>
Hopelands- Tiraumea (Mana_6)	Hopelands- Tiraumea (Mana_6)	Manawatu River from Tiraumea River confluence at approx. NZMS 260 T24:553-870 to Hopelands at approx. NZMS 260 T24:616-899	НМ	<b>√</b>	<b>✓</b>	~	<b>√</b>	~	<b>✓</b>	<b>√</b>	1			<b>✓</b>		<b>√</b>			II				✓
Tiraumea (Mana_7)	Upper Tiraumea (Mana_7a)	Tiraumea River from Makuri River confluence at approx. NZMS 260 T24:578-780 to source	HSS	<b>√</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>✓</b>	<b>✓</b>							III				<b>√</b>
	Lower Tiraumea (Mana_7b)	Tiraumea River from Manawatu River confluence at approx. NZMS 260 T24:555-870 to Makuri River confluence at approx. NZMS 260 T24:578-780	HSS	✓	<b>√</b>	✓	✓	<b>√</b>	✓	✓	<b>✓</b>	✓	<b>✓</b>	<b>√</b>					III				
	Mangaone River (Mana_7c)	Mangaone River from Tiraumea River confluence at approx. NZMS 260 T24:541-730 to source	HSS	✓	<b>√</b>	~	✓	✓	<b>✓</b>	✓	<b>✓</b>	✓											<b>√</b>
	Makuri (Mana_7d)	Makuri River from Tiraumea River confluence at approx. NZMS 260 T24:568-771 to source	ULi	✓	✓	✓	✓	✓	✓	✓	✓	✓							II	✓			



Water	2.1.	0.4 +0 +1 +1				Zone	-wide V	/alues								S	Site/Re	each-spe	cific \	/alues			
Management Zone*	Sub-zone*	Sub-zone* Description1	LSC	AE	CR	Mau	IA <sup>2</sup>	<b>[</b> 2	SW	El	CAP <sup>3</sup>	NS	SOS-A	SOS-R	IS	AM	WM	SOS-C	TF	TS	WS	DFS	FC/D
	Mangaramarama (Mana_7e)	Mangaramarama Creek from Tiraumea River confluence at approx. NZMS 260 T24:559-854 to source	HSS	<b>√</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>✓</b>	<b>√</b>	✓	<b>√</b>												<b>✓</b>
	Upper Mangatainoka (Mana_8a)	Mangatainoka River from Larsons Road at approx. NZMS 260 T25:308-595 to source	UHS	<b>√</b>	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>*</b>						II	<b>√</b>	<b>√</b>		<b>✓</b>
Mangatainoka	Middle Mangatainoka (Mana_8b)	Mangatainoka River from Makakahi River confluence at approx. NZMS 260 T24:475-775 to Larsons Road at approx. NZMS 260 T25:308-595	НМ	✓	<b>√</b>	✓	<b>√</b>	<b>✓</b>	<b>✓</b>	✓	<b>✓</b>	✓	<b>✓</b>						II	✓	<b>✓</b>		<b>✓</b>
(Mana_8)	Lower Mangatainoka (Mana_8c)	Mangatainoka River from Tiraumea River confluence at approx. NZMS 260 T24:577-854 to Makakahi River confluence at approx. NZMS 260 T24:475-775	НМ	✓	<b>√</b>	✓	<b>√</b>	<b>✓</b>	<b>✓</b>	✓	<b>✓</b>			<b>✓</b>		✓			II	✓	<b>✓</b>		<b>✓</b>
	Makakahi (Mana_8d)	Makakahi River from Mangatainoka River confluence at approx. NZMS 260 T24:475-775 to source	НМ	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	✓	<b>✓</b>						II	✓	<b>√</b>		<b>✓</b>
	Upper Gorge (Mana_9a)	Manawatu River from Upper Gorge at approx. NZMS 260 T24:494-933 to Tiraumea River confluence at approx. NZMS 260 T24:553-870	НМ	<b>√</b>	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>*</b>	<b>✓</b>					III				<b>✓</b>
	Mangapapa (Mana_9b)	Mangapapa Stream from Mangaatua Stream confluence at approx. NZMS 260 T24:515-922 to source	НМ	✓	~	<b>✓</b>	✓	~	<b>✓</b>	✓	<b>✓</b>	<b>✓</b>								~	<b>✓</b>		✓
Upper Gorge (Mana_9)	Mangaatua (Mana_9c)	Mangaatua Stream from Manawatu River confluence at approx. NZMS 260 T24:496-925 to source	НМ	<b>√</b>	<b>~</b>	<b>√</b>	<b>√</b>	<b>~</b>	<b>✓</b>	✓	<b>✓</b>	<b>✓</b>	<b>√</b>										<b>✓</b>
	Upper Mangahao (Mana_9d)	Mangahao River from Ballance at approx. NZMS 260 T24:468-818 to source	UHS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓			III	✓			✓
	Lower Mangahao (Mana_9e)	Mangahao River from Manawatu River confluence at approx. NZMS 260 T24:496-891 to Ballance at approx. NZMS 260 T24:468-818	НМ	✓	✓	✓	✓	<b>√</b>	✓	✓	<b>✓</b>			<b>✓</b>					III	✓			<b>✓</b>
Middle		Managadu Diyar from Taaahara Callana																					
Middle Manawatu (Mana_10)	Middle Manawatu (Mana_10a)	Manawatu River from Teachers College at approx. NZMS 260 T24:331-892 to Upper Gorge at approx. NZMS 260 T24:494-933	НМ	✓	<b>✓</b>	<b>✓</b>	✓	✓	✓	✓	<b>✓</b>		✓	✓		✓		<b>√</b>	III				✓
	Upper Pohangina (Mana_10b)	Pohangina River from Totara Reserve at approx. NZMS 260 T23:534-167 to source	UHS	<b>✓</b>	✓	✓	<b>✓</b>	✓	✓	✓	✓	✓	✓	✓					III	✓			✓
	Middle Pohangina (Mana_10c)	Pohangina River from Mais Reach at approx. NZMS 260 T23:467-053 to Totara Reserve at approx. NZMS 260 T23:534-167	НМ	✓	✓	✓	✓	✓	<b>√</b>	✓	<b>✓</b>	✓	✓	✓		✓			III	✓			✓



Water	0.4					Zone	wide \	/alues								5	Site/Re	each-spe	cific \	/alues			
Management Zone*	Sub-zone*	Sub-zone* Description1	LSC	AE	CR	Mau	IA <sup>2</sup>	<b> </b> 2	SW	EI	CAP <sup>3</sup>	NS	SOS-A	SOS-R	IS	AM	WM	SOS-C	TF	TS	WS	DFS	FC/D
	Lower Pohangina (Mana_10d)	Pohangina River from Manawatu River confluence at approx. NZMS 260 T24:450-966 to Mais Reach at approx. NZMS 260 T23:467-053	НМ	<b>✓</b>	<b>✓</b>	✓	✓	✓	<b>✓</b>	✓	✓	✓	<b>✓</b>	✓				<b>√</b>	III				<b>✓</b>
	Aokautere (Mana_10e)	Aokautere Stream from Manawatu River confluence at approx. NZMS 260 T24:349-899 to source	НМ	✓	✓	✓	✓	✓	✓	✓	✓												
	Lower Manawatu (Mana_11a)	Manawatu River from Oroua River confluence at approx. NZMS 260 S24:167-826 to Teachers College at approx. NZMS 260 T24:331-892	НМ	<b>✓</b>	<b>~</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	~	<b>✓</b>			<b>✓</b>		<b>√</b>		<b>√</b>	III				<b>✓</b>
	Turitea (Mana_11b)	Turitea Stream from Manawatu River confluence at approx. NZMS 260 T24:304-881 to source	UHS	<b>✓</b>	<b>✓</b>	<b>✓</b>	✓	<b>√</b>	~	✓	<b>✓</b>		<b>√</b>			✓			III	✓	<b>✓</b>		
Lower Manawatu	Kahuterawa (Mana_11c)	Kahuterawa Stream from Manawatu River confluence at approx. NZMS 260 S24:292-876 to source	UHS	<b>√</b>	<b>~</b>	~	✓	<b>~</b>	~	<b>√</b>	~	~	<b>√</b>			✓			III	<b>√</b>			
(Mana_11)	Upper Mangaone Stream (Mana_11d)	Mangaone Stream from Milson Line at approx. NZMS 260 T24:311-953 to source	LM	<b>✓</b>	<b>✓</b>	~	<b>√</b>	<b>✓</b>	~	<b>√</b>	<b>✓</b>												<b>✓</b>
	Lower Mangaone Stream (Mana_11e)	Mangaone Stream from Manawatu River confluence at approx. NZMS 260 S24:283-872 to Milson Line at approx. NZMS 260 T24:311-953	LM	✓	✓	<b>✓</b>	✓	✓	<b>✓</b>	<b>✓</b>	<b>✓</b>					✓							<b>√</b>
	Main Drain (Mana_11f)	Main Drain catchment (including Taonui Stream) from Manawatu River confluence at approx. NZMS 260 S24:181-836 to source	LM	✓	✓	✓	✓	✓	✓	✓	✓		<b>✓</b>										<b>✓</b>
	Upper Oroua (Mana_12a)	Oroua River from Almadale at approx. NZMS 260 T23:365-113 to source	НМ	<b>√</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>✓</b>		✓			III	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
	Middle Oroua (Mana_12b)	Oroua River from Awahuri Bridge at approx. NZMS 260 S23:243-002 to Almadale at approx. NZMS 260 T23:365-113	НМ	✓	✓	✓	✓	✓	✓	✓	✓			<b>✓</b>		✓			III		<b>√</b>	<b>√</b>	<b>✓</b>
Oroua (Mana_12)	Lower Oroua (Mana_12c)	Oroua River from Manawatu River confluence at approx. NZMS 260 S24:167-826 to Awahuri Bridge at approx. NZMS 260 S23:243-002	LM	<b>√</b>	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	1	<b>✓</b>	<b>✓</b>			<b>✓</b>				<b>✓</b>	III			<b>√</b>	<b>√</b>
	Kiwitea (Mana_12d)	Kiwitea Stream from Oroua River confluence at approx. NZMS 260 T23:309-066 to source	НМ	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓				✓	✓	✓	✓
	Makino (Mana_12e)	Makino Stream from Oroua River confluence at approx. NZMS 260 S23:243-004 to source	LM	✓	✓	✓	✓	✓	✓	✓	✓		✓			✓			III	✓		✓	✓



Water Management	Sub-zone*	Sub-zone* Description1				Zone	-wide V	/alues								9	Site/Re	each-spe	ecific \	/alues			
Zone*	Sub-zone	Sub-zone Description	LSC	AE	CR	Mau	IA <sup>2</sup>	<b> </b> 2	SW	EI	CAP <sup>3</sup>	NS	SOS-A	SOS-R	IS	AM	WM	SOS-C	TF	TS	WS	DFS	FC/D
	Coastal Manawatu (Mana_13a)	Manawatu River at approx. NZMS 260 S24: 977-788 to Oroua River confluence at approx. NZMS 260 S24:167-826 (excluding the mainstem of the Manawatu River from the cross-river CMA boundary at NZMS 260 S24:2700963-6076686 seawards)	LM	<b>√</b>	<b>✓</b>	<b>✓</b>	<b>~</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>		<b>✓</b>	<b>✓</b>	<b>✓</b>	✓	<b>✓</b>	<b>✓</b>	III				✓
	Upper Tokomaru (Mana_13b)	Tokomaru River from Horseshoe Bend at approx. NZMS 260 S24:241-768 to source	UHS	<b>✓</b>	✓	✓	<b>✓</b>	✓	✓	✓	✓	✓	✓						III	✓	✓		
Coastal Manawatu (Mana_13)	Lower Tokomaru (Mana_13c)	Tokomaru River from Manawatu River confluence at approx. NZMS 260 S24:134-727 to Horseshoe Bend at approx. NZMS 260 S24:241-768	LM	✓	<b>✓</b>	<b>✓</b>	✓	✓	<b>✓</b>	<b>✓</b>	<b>✓</b>		~			✓			III	<b>✓</b>	<b>✓</b>		✓
	Mangaore (Mana_13d)	Mangaore River from Manawatu River confluence at approx. NZMS 260 S24:123-717 to source	НМ	<b>√</b>	<b>✓</b>	~	✓	<b>✓</b>	~	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>								<b>✓</b>		✓
	Koputaroa (Mana_13e)	Koputaroa Stream from Manawatu River confluence at approx. NZMS 260 S24:106-708 to source	LM	✓	<b>~</b>	~	✓	<b>~</b>	~	<b>~</b>	~		<b>√</b>										✓
	Foxton Loop (Mana_13f)	Manawatu River from downstream limit of Whirikino Cut at approx. NZMS 260 S24:010-769 to SH1	LM	✓	<b>✓</b>	<b>✓</b>	✓	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>					✓		<b>✓</b>					✓
Upper Rangitikei (Rang_1)	Upper Rangitikei (Rang_1)	Rangitikei River from Makahikatoa Stream at approx. NZMS 260 U21:726-888 to source	UHS	<b>✓</b>	<b>✓</b>	<b>✓</b>			<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>√</b>	~						ı	<b>✓</b>	<b>√</b>		
Middle Rangitikei (Rang_2)	Middle Rangitikei (Rang_2a)	Rangitikei River from Pukeokahu at approx. NZMS 260 U21:713-708 to Makahikatoa Stream at approx. NZMS 260 U21:726-888	UHS	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>√</b>	~	<b>✓</b>	<b>✓</b>	<b>✓</b>								I	<b>✓</b>	<b>√</b>		
	Pukeokahu – Mangaweka (Rang_2b)	Rangitikei River from Mangaweka at approx. NZMS 260 T22:504-513 to Pukeokahu at approx. NZMS 260 U21:713-708	НМ	✓	<b>✓</b>	~	✓	✓	~	<b>✓</b>	<b>✓</b>	✓	✓			✓			I	~	<b>~</b>		
	Upper Moawhango (Rang_2c)	Moawhango River from Moawhango Dam at approx. NZMS 260 T20:469-960 to source	UVA	✓	<b>√</b>	<b>✓</b>	✓		<b>✓</b>	<b>√</b>	~	✓		<b>√</b>					III	~	<b>✓</b>		
	Middle Moawhango (Rang_2d)	Moawhango River from Moawhango Township at approx. NZMS 260 T21:557-745 to Moawhango Dam at approx. NZMS 260 T20:469-960	UVM	✓	✓	✓			✓	✓	✓			<b>√</b>					III	✓	<b>√</b>		



Water	Sub-zone*	Cub zana* Description 1				Zone	-wide V	/alues								5	Site/Re	each-spe	cific \	/alues			
Management Zone*	Sub-zone	Sub-zone* Description1	LSC	AE	CR	Mau	IA <sup>2</sup>	<b> </b> 2	SW	El	CAP <sup>3</sup>	NS	SOS-A	SOS-R	IS	AM	WM	SOS-C	TF	TS	WS	DFS	FC/D
	Lower Moawhango (Rang_2e)	Moawhango River from Rangitikei River confluence at approx. NZMS 260 T21:609-623 to Moawhango Township at approx. NZMS 260 T21:557-745	HSS	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>							III		<b>√</b>		
	Upper Hautapu (Rang_2f)	Hautapu River from Taihape at approx. NZMS 260 T21:506-670 to source	UVM	✓	✓	✓	>	✓	✓	>	✓	✓				✓			II	✓	✓		
	Lower Hautapu (Rang_2g	Hautapu River from Rangitikei River confluence at approx. NZMS 260 T22:529-574 to Taihape at approx. NZMS 260 T21:506-670	HSS	✓	<b>✓</b>	✓	✓	✓	✓	✓	✓	✓				✓			III	<b>✓</b>	✓		
Lower Rangitikei	Lower Rangitikei (Rang_3a)	Rangitikei River from Onepuhi at approx. NZMS 260 S23:201-222 to Mangaweka at approx. NZMS 260 T22:504-513	НМ	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>√</b>	~	<b>✓</b>	<b>✓</b>	<b>✓</b>		<b>√</b>	<b>✓</b>		<b>√</b>			I/II	<b>✓</b>	<b>✓</b>		<b>✓</b>
(Rang_3)	Makohine (Rang_3b)	Makohine Stream from Rangitikei River confluence at approx. NZMS 260 T22:400-443 to source	HSS	✓	<b>√</b>	✓	✓	✓	✓	✓	<b>✓</b>									<b>✓</b>	<b>√</b>		
	Coastal Rangitikei (Rang_4a)	Rangitikei River from McKelvies at approx. NZMS 260 S24:033-985 to Onepuhi at approx. NZMS 260 S23:201-222	НМ	✓	<b>✓</b>	~	<b>✓</b>	✓	~	<b>√</b>	~		✓	✓					III		<b>✓</b>		✓
Coastal Rangitikei (Rang_4)	Tidal Rangitikei (Rang_4b)	Rangitikei River at approx. NZMS 260 S24:991-984 to McKelvies at approx. NZMS 260 S24:033-985 (excluding the mainstem of the Rangitikei River from the cross-river CMA boundary at NZMS 260 S23:2700960-6100119 seawards)	LM	<b>✓</b>	<b>✓</b>	<b>✓</b>	✓	✓	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>√</b>	✓	<b>✓</b>		III		<b>✓</b>		<b>√</b>
	Porewa (Rang_4c)	Porewa Stream from Rangitikei River confluence at approx. NZMS 260 S23:190-212 to source	HSS	✓	✓	~	✓	<b>√</b>	<b>✓</b>	✓	<b>~</b>									<b>✓</b>	<b>✓</b>		<b>✓</b>
	Tutaenui (Rang_4d)	Tutaenui Stream from Rangitikei River confluence at approx. NZMS 260 S23:101-095 to source	LM	✓	✓	✓	<b>√</b>	✓	<b>√</b>	✓	<b>✓</b>		✓			✓					<b>✓</b>		✓
- 11		What are 'D' as four What are 'D'																					
Upper Whanganui (Whai_1)	Upper Whanganui (Whai_1)	Whanganui River from Whakapapa River confluence at approx. NZMS 260 S19:189-499 to source	UVA	<b>✓</b>	<b>✓</b>	<b>✓</b>	✓	<b>✓</b>	<b>√</b>	✓	<b>✓</b>	<b>✓</b>	<b>✓</b>						III	<b>✓</b>	<b>✓</b>		
Cherry Grove (Whai_2)	Cherry Grove (Whai_2a)	Whanganui River from Cherry Grove at approx. NZMS 260 S18:057-545 to Whakapapa River confluence at approx. NZMS 260 S19:189-499	UVM	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>✓</b>					<b>√</b>			III	<b>✓</b>	<b>✓</b>		<b>✓</b>



Water	C. /*	C. h				Zone-	-wide V	/alues								5	Site/Re	each-spe	ecific \	/alues			
Management Zone*	Sub-zone*	Sub-zone* Description1	LSC	AE	CR	Mau	IA <sup>2</sup>	<b> </b> 2	SW	EI	CAP <sup>3</sup>	NS	SOS-A	SOS-R	IS	AM	WM	SOS-C	TF	TS	WS	DFS	FC/D
	Upper Whakapapa (Whai_2b)	Whakapapa River from Footbridge at approx. NZMS 260 S19:226-293 to source	UVA	✓	<b>✓</b>	~	✓	<b>✓</b>	✓	✓	<b>✓</b>	✓	✓						11/111	<b>✓</b>	✓		
	Lower Whakapapa (Whai_2c)	Whakapapa River from Whanganui River confluence at approx. NZMS 260 S19:189-499 to Footbridge at approx. NZMS 260 S19:226-293	UVA	<b>√</b>	✓	<b>✓</b>	<b>√</b>	✓	✓	✓	<b>✓</b>	<b>√</b>	<b>✓</b>			✓			11/111	<b>√</b>	<b>√</b>		
	Piopiotea (Whai_2d)	Piopiotea Stream from Whakapapa River confluence at approx. NZMS 260 S19:174-356 to source	UVA	>	~	<b>✓</b>	>	<b>✓</b>	✓	✓	<b>✓</b>	>	✓						≡	<b>✓</b>	<b>&gt;</b>		
	Pungapunga (Whai_2e)	Pungapunga River from Whanganui River confluence at approx. NZMS 260 S18:124-546 to source	UVM	<b>~</b>	~	<b>✓</b>	<b>√</b>	✓	✓	✓	✓	<b>&gt;</b>	✓						I	✓	<b>~</b>		
	Upper Ongarue (Whai_2f)	Ongarue River from Waihuka Stream confluence at approx. NZMS 260 S18:108-785 to source	UVA	>	~	~	>	<b>✓</b>	✓	✓	<b>✓</b>	<b>&gt;</b>	✓						II/III	<b>✓</b>	<b>&gt;</b>		
	Lower Ongarue (Whai_2g)	Ongarue River from Whanganui River confluence at approx. NZMS 260 S18:056-547 to Waihuka Stream confluence at approx. NZMS 260 S18:108-785	UVM	<b>√</b>	<b>✓</b>	✓	<b>√</b>	<b>✓</b>	<b>√</b>	✓	<b>~</b>	✓	<b>✓</b>			✓			III	✓			
		When the Property of the Prope																					
Te Maire (Whai_3)	Te Maire (Whai_3)	Whanganui River from Te Maire at approx. NZMS 260 S19:998-490 to Cherry Grove at approx. NZMS 260 S18:057-545	UVM	✓	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>✓</b>	✓	<b>✓</b>	✓	✓						III				<b>✓</b>
	Middle Whanganui (Whai_4a)	Whanganui River from Retaruke River confluence at approx. NZMS 260 R19:886-306 to Te Maire at approx. NZMS 260 S19:998-490		<b>√</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>	<b>√</b>	✓	<b>✓</b>						III				
Middle	Upper Ohura (Whai_4b)	Ohura River from Tokorima at approx. NZMS 260 R18:863-521 to source	HSS	✓	✓	✓	✓	✓	✓	✓	<b>~</b>	✓									✓		
Whanganui (Whai_4)	Lower Ohura (Whai_4c)	Ohura River from Whanganui River confluence at approx. NZMS 260 R19:887-386 to Tokorima at approx. NZMS 260 R18:863-521	HSS	✓	<b>✓</b>	~	✓	<b>✓</b>	✓	✓	<b>√</b>	<b>√</b>											
	Retaruke (Whai_4d)	Retaruke River from Whanganui River confluence at approx. NZMS 260 R19:890-309 to source	UVM	✓	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	✓	✓	<b>✓</b>	<b>√</b>	<b>✓</b>						III	<b>✓</b>			
Pipiriki (Whai_5)	Pipiriki (Whai_5a)	Whanganui River from Pipiriki at approx. NZMS 260 R21:859-897 to Retaruke River confluence at approx. NZMS 260 R19:886-306	HSS	<b>√</b>	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>						III				



Water	Cub sand	Cub and December 1				Zone	-wide \	/alues								5	Site/Re	each-spe	ecific \	/alues			
Management Zone*	Sub-zone*	Sub-zone* Description1	LSC	AE	CR	Mau	IA <sup>2</sup>	<b> </b> 2	SW	El	CAP <sup>3</sup>	NS	SOS-A	SOS-R	IS	AM	WM	SOS-C	TF	TS	WS	DFS	FC/D
	Tangarakau (Whai_5b)	Tangarakau River from Whanganui River confluence at approx. NZMS 260 R20:714-175 to source	HSS	<b>✓</b>	✓	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	~	✓	✓										
	Whangamomona (Whai_5c)	Whangamomona River from Whanganui River confluence at approx. NZMS 260 R20:731-130 to source	HSS	<b>√</b>	✓	<b>✓</b>	✓	<b>✓</b>	<b>✓</b>	<b>√</b>	~	✓	<b>√</b>										
	Upper Manganui o te Ao (Whai_5d)	confluence at approx. NZMS 260 S20:129-120 to source	UVA	✓	✓	<b>✓</b>			<b>✓</b>	<b>✓</b>	<b>✓</b>	✓	<b>√</b>						I				
	Makatote (Whai_5e)	Makatote River from Manganui o te Ao River confluence at approx. NZMS 260 S20:129-120 to source	UVA	✓	✓	✓			<b>✓</b>	✓	~	✓	✓						I	<b>✓</b>			
	Waimarino (Whai_5f)	Waimarino Stream from Makatote River confluence at approx. NZMS 260 S20:129-120 to source	UVA	<b>✓</b>	✓	✓	<b>✓</b>	~	~	~	~	✓	✓						I				
	Middle Manganui o te Ao (Whai_5g)	Manganui o te Ao River from Hoihenga Road at approx. NZMS 260 S20:047-077 to Makatote River confluence at approx. NZMS 260 S20:129-120	UVA	<b>✓</b>	<b>✓</b>	<b>✓</b>	✓	<b>✓</b>	<b>✓</b>	✓	<b>✓</b>	✓	<b>~</b>			✓			1	<b>✓</b>			
	Mangaturuturu (Whai_5h)	Mangaturuturu River from Manganui o te Ao River confluence at approx. NZMS 260 S20:057-067 to source	UVA	~	~	~			~	<b>✓</b>	<b>~</b>	<b>√</b>	<b>√</b>						ı				
	Lower Manganui o te Ao (Whai_5i)	Manganui o te Ao River from Whanganui River confluence at approx. NZMS 260 R20:861-979 to Hoihenga Road at approx. NZMS 260 S20:047-077	UVM	<b>✓</b>	<b>✓</b>	<b>~</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	~	<b>✓</b>	<b>✓</b>	~						1	<b>✓</b>			
	Orautoha (Whai_5j)	Orautoha Stream from Manganui o te Ao River confluence at approx. NZMS 260 S20:026-067 to source	UVM	✓	✓	<b>✓</b>	✓	✓	✓	✓	<b>✓</b>	✓	✓						I	✓			
Paetawa (Whai_6)	Paetawa (Whai_6)	Whanganui River from Paetawa at approx. NZMS 260 S22:937-566 to Pipiriki at approx. NZMS 260 R21:859-897	HSS	<b>✓</b>	✓	<b>✓</b>	✓	~	<b>✓</b>	✓	<b>✓</b>	✓	✓	✓					III		<b>✓</b>		
		MI 101 ( A 1 511 )																					
Lower Whanganui (Whai_7)	Lower Whanganui (Whai_7a)	Whanganui River from Aramoho Bridge at approx. NZMS 260 R22:858-420 to Paetawa at approx. NZMS 260 S22:937-566	HSS	✓	✓	~	✓	~	~	~	<b>✓</b>	✓	✓	✓	✓	✓	✓		III				✓



Water						Zone	-wide \	'alues								9	Site/Re	each-spe	cific \	/alues			
Management Zone*	Sub-zone*	Sub-zone* Description1	LSC	AE	CR	Mau	IA <sup>2</sup>	<b> </b> 2	SW	El	CAP <sup>3</sup>	NS	SOS-A	SOS-R	IS	AM	WM	SOS-C	TF	TS	WS	DFS	FC/D
	Coastal Whanganui (Whai_7b)	Whanganui River at approx. NZMS 260 R22:797-328 to Aramoho Bridge at approx. NZMS 260 R22:858-420 (excluding the mainstem of the Whanganui River from the cross-river CMA boundary at NZMS 260 R22:2684857-6138015 seawards)	LM	<b>√</b>	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>~</b>			<b>√</b>	<b>√</b>	✓	<b>✓</b>		III				<b>√</b>
	Upokongaro (Whai_7c)	Upokongaro River from Whanganui River confluence at approx. NZMS 260 S22:908-463 to source	HSS	✓	~	~	<b>✓</b>	✓	✓	<b>✓</b>	<b>✓</b>		✓										
	Matarawa (Whai_7d)	Matarawa River from Whanganui River confluence at approx. NZMS 260 R22:857-403 to source	HSS	✓	✓	✓	✓	<b>√</b>	<b>√</b>	✓	<b>√</b>				✓	✓	<b>✓</b>						✓
	11.																						
	Upper Whangaehu (Whau_1a)	Whangaehu River from Karioi at approx. NZMS 260 S21:218-864 to source	UVA	<b>✓</b>	<b>✓</b>	<b>✓</b>	✓	<b>✓</b>	✓	✓	✓	✓	✓	✓								✓	
Upper Whangaehu (Whau_1)	Waitangi (Whau_1b)	Waitangi Stream from Whangaehu River confluence at approx. NZMS 260 T21:316-888 to source	UVM	<b>&gt;</b>	✓	<b>✓</b>	<b>✓</b>	<b>✓</b>	✓	✓	✓								III	✓	✓	<b>√</b>	
	Tokiahuru (Whau_1c)	Tokiahuru Stream from Whangaehu River confluence at approx. NZMS 260 S21:219-865 to source	UVA	✓	✓	✓	✓	<b>√</b>	<b>√</b>	✓	<b>✓</b>	✓	✓	<b>✓</b>					III	✓		<b>√</b>	
Middle Whangaehu (Whau_2)	Middle Whangaehu (Whau_2)	Whangaehu River from Aranui at approx. NZMS 260 S21:175-627 to Karioi at approx. NZMS 260 S21:218-864	HSS	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>✓</b>											<b>✓</b>	
Lower Whangaehu (Whau_3)	Lower Whangaehu (Whau_3a)	Whangaehu River from Kauangaroa at approx. NZMS 260 S22:045-397 to Aranui NZMS 260 S21:175-627 (including the Mangawhero River from Whangaehu River confluence to Raupiu Road at approx. NZMS 260 S21:099-646)	HSS	<b>√</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>~</b>	<b>✓</b>	<b>~</b>	<b>√</b>	<b>✓</b>						III			<b>✓</b>	<b>✓</b>
	Upper Makotuku (Whau_3b)	Makotuku River from water supply weir at approx. NZMS 260 S20:103-011 to source	UVA	<b>√</b>	<b>✓</b>	✓	✓	<b>✓</b>	✓	<b>✓</b>	<b>✓</b>	✓							III	✓	✓	✓	
	Lower Makotuku (Whau_3c)	Makotuku River from Mangawhero River confluence at approx. NZMS 260 S20:080-903 to water supply weir at approx. NZMS 260 S20:103-011	UVA	<b>~</b>	✓	<b>✓</b>	✓	<b>√</b>	✓	✓	<b>✓</b>								III	<b>√</b>		<b>√</b>	
	Upper Mangawhero (Whau_3d)	Mangawhero River from Makotuku River confluence at approx. NZMS 260 S20:080-903 to source	UVA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓			III	✓	✓	✓	✓



Water	Sub-zone*	Cub zana* Description1				Zone	-wide \	/alues								Ş	Site/R	each-spe	ecific \	/alues			
Management Zone*	Sub-zone	Sub-zone* Description1	LSC	AE	CR	Mau	IA <sup>2</sup>	<b> </b> 2	SW	El	CAP <sup>3</sup>	NS	SOS-A	SOS-R	IS	AM	WM	SOS-C	TF	TS	WS	DFS	FC/D
	Lower Mangawhero (Whau_3e)	Mangawhero River from Raupiu Road at approx. NZMS 260 S21:099-646 to Makotuku River confluence at approx. NZMS 260 S20:080-903	HSS	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>✓</b>		✓						III			<b>√</b>	
	Makara (Whau_3f)	Makara Stream from unnamed tributary confluence at approx. NZMS 260 S20:065-992 to source	UVA	✓	✓	✓			✓	<b>√</b>	<b>✓</b>	✓							III	✓		✓	
Coastal Whangaehu (Whau_4)	Coastal Whangaehu (Whau_4)	Whangaehu River at approx. NZMS 260 R23:890-275 to Kauangaroa at approx. NZMS 260 S22:045-397 (excluding the mainstem of the Whangaehu River from the cross-river CMA boundary at NZMS 260 S23:2690359-6128748 seawards)	HSS	<b>✓</b>	✓	<b>✓</b>	<b>✓</b>	✓	✓	<b>✓</b>	<b>✓</b>			<b>✓</b>	<b>√</b>	<b>✓</b>	~						✓
	Upper Turakina (Tura_1a)	Turakina River from Otairi at approx. NZMS 260 S22:236-471 to source	HSS	<b>√</b>	<b>✓</b>	<b>√</b>	<b>√</b>	✓	<b>√</b>	<b>√</b>	<b>✓</b>	<b>✓</b>											
Turakina (Tura_1)	Lower Turakina (Tura_1b)	Turakina River at approx.  NZMS 260 S23:924-231 to Otairi at approx.  NZMS 260 S22:236-471 (excluding the mainstem of the Turakina River from the crossriver CMA boundary at NZMS 260  S23:2692145-6125465 seawards)	HSS	<b>√</b>	<b>~</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>	<b>✓</b>	<b>√</b>		<b>✓</b>	~		<b>√</b>							<b>√</b>
	Ratana (Tura_1c)	Lakes Waipu and Oraekomiko and all surrounding catchment area	LM	✓	<b>√</b>	✓	✓	✓	✓	✓	✓												
	Upper Ohau (Ohau_1a)	Ohau River from Rongomatane at approx. NZMS 260 S25:072-577 to source	UHS	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	✓	<b>√</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>√</b>						III	<b>√</b>	<b>✓</b>	<b>√</b>	<b>✓</b>
Ohau (Ohau_1)	Lower Ohau (Ohau_1b)	Ohau River at approx. NZMS 260 S25:918-578 to Rongomatane at approx. NZMS 260 S25:918-578 to Rongomatane at approx. NZMS 260 S25:072-577 (excluding the mainstem of the Ohau River from the crossriver CMA boundary at NZMS 260 S25:2692921-6059503 seawards)	НМ	<b>✓</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>✓</b>	<b>~</b>	<b>✓</b>	<b>✓</b>		✓	<b>✓</b>	~	<b>✓</b>	<b>~</b>		III	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>~</b>
Owahanga (Owha_1)	Owahanga (Owha_1)	Owahanga River at approx. NZMS 260 U25:932-532 to source (excluding the mainstem of the Owahanga River from the cross-river CMA boundary at NZMS 260 U25:2792204-6053185 seawards)	HSS	<b>✓</b>	✓	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>		<b>✓</b>										



Water	Cub*	Cult * Description 1				Zone-	wide V	/alues								9	Site/Re	each-spe	ecific \	/alues			
Management Zone*	Sub-zone*	Sub-zone* Description1	LSC	AE	CR	Mau	IA <sup>2</sup>	<b>[</b> 2	SW	EI	CAP <sup>3</sup>	NS	SOS-A	SOS-R	IS	AM	WM	SOS-C	TF	TS	WS	DFS	FC/D
East Coast (East_1)	East Coast (East_1)	Wainui, Tautane and Waimata - whole catchments (excluding the mainstem of the Wainui River from the cross-river CMA boundary at NZMS 260 V24:2811596-6073518 seawards)	HSS	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>~</b>	<b>~</b>	<b>✓</b>		<b>✓</b>	<b>✓</b>		<b>√</b>							
	Upper Akitio (Akit_1a)	Akitio River from Weber Road at approx. NZMS 260 U24:919-832 to source	HSS	<b>✓</b>	<b>✓</b>	✓	✓	<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>		<b>√</b>										<b>✓</b>
Akitio (Akit_1)	Lower Akitio (Akit_1b)	Akitio River at approx. NZMS 260 U25:992-610 to Weber Road at approx. NZMS 260 U24:919-832 (excluding the mainstem of the Akitio River from the crossriver CMA boundary at NZMS 260 U25:2799657-6061852 seawards)	HSS	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>		<b>✓</b>		<b>✓</b>	<b>√</b>	✓						<b>√</b>
	Waihi (Akit_1c)	Waihi Stream from Akitio River confluence at approx. NZMS 260 U24:895-801 to source	HSS	✓	<b>✓</b>	✓	✓	✓	✓	✓	✓										✓		
Northern Coastal (West_1)	Northern Coastal (West_1)	All coastal catchments and dune lakes between Kai lwi and Waitotara catchments	LM	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>		<b>✓</b>		<b>✓</b>	<b>✓</b>	<b>✓</b>						
Kai lwi (West_2)	Kai lwi (West_2)	Kai lwi Stream at approx. NZMS 260 R23:723-449 to source (excluding the mainstem of the Kai lwi Stream from the cross-river CMA boundary at NZMS 260 R22:2672262-6145059 seawards)	HSS	<b>√</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>✓</b>	<b>~</b>	<b>✓</b>	<b>√</b>	<b>√</b>			<b>✓</b>	<b>✓</b>	<b>✓</b>						
Mowhanau (West_3)	Mowhanau (West_3)	Mowhanau Stream at approx. NZMS 260 R22:725-447 to source (excluding the mainstem of the Mowhanau Stream from the cross-river CMA boundary at NZMS 260 R22:2672640-6144895 seawards)	LM	<b>√</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>		<b>✓</b>		<b>✓</b>	<b>√</b>	<b>✓</b>						
Kaitoke Lakes (West_4)	Kaitoke Lakes (West_4)	Lakes Kaitoke, Pauri, Wiritoa, Kohata and all surrounding catchment area	LM	✓	<b>√</b>	✓	✓	<b>√</b>	<b>√</b>	✓	<b>√</b>				✓	✓	✓		III				
Southern Whanganui Lakes (West_5)	Southern Whanganui Lakes (West_5)	Lakes Vipan, Heaton, Bernard, William, Herbert, Hickson, Alice, Koitiata, Dudding and all surrounding catchment area	LS	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>	~	<b>√</b>	<b>~</b>		<b>✓</b>		<b>✓</b>	<b>√</b>	<b>✓</b>						<b>✓</b>



Water	C. I. sant	C. hourt Donald Bart				Zone	wide V	/alues								5	Site/Re	each-spe	ecific \	/alues			
Management Zone*	Sub-zone*	Sub-zone* Description1	LSC	AE	CR	Mau	IA <sup>2</sup>	<b> </b> 2	SW	El	CAP <sup>3</sup>	NS	SOS-A	SOS-R	IS	AM	WM	SOS-C	TF	TS	WS	DFS	FC/D
Northern Manawatu Lakes (West_6)	Northern Manawatu Lakes (West_6)	All lakes and lagoons between Coastal Rangitikei and Coastal Manawatu and all surrounding catchment area	LS	<b>√</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	✓		<b>✓</b>		✓	<b>√</b>	<b>√</b>						<b>✓</b>
Waitarere (West_7)	Waitarere (West_7)	All lakes and lagoons between Coastal Manawatu and Lake Horowhenua catchment and all surrounding catchment area	LS	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>	✓					✓							
Lake Papaitonga (West_8)	Lake Papaitonga (West_8)	Lake Papaitonga catchment	LS	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>✓</b>		<b>✓</b>		<b>✓</b>		<b>✓</b>					✓	<b>✓</b>
		Waikawa Stream at approx.																					
Waikawa (West_9)	Waikawa (West_9a)	NZMS 260 S25:908-548 to source (excluding the mainstem of the Waikawa Stream from the cross-river CMA boundary at NZMS 260 S25:2691531-6055429 seawards)	НМ	<b>√</b>	✓	<b>✓</b>	✓	✓	✓	✓	✓	✓	✓	✓		✓					<b>✓</b>	✓	<b>✓</b>
	Manakau (West_9b)	Manakau Stream from Waikawa Stream confluence at approx. NZMS 260 S25:946-549 to source	НМ	✓	<b>~</b>	<b>✓</b>	<b>~</b>	✓	<b>✓</b>	✓	<b>✓</b>	✓										<b>√</b>	✓
	Lake Horowhenua (Hoki_1a)	Whole lake catchment above Hokio Stream outlet	LM	✓	✓	✓	✓	✓	✓	✓	✓		✓									✓	✓
Lake Horowhenua (Hoki_1)	Hokio (Hoki_1b)	Hokio Stream downstream of Lake Horowhenua outlet (excluding the mainstem of the Hokio Stream from the cross-river CMA boundary at NZMS 260 S25:2694967-6065799 seawards)	LS	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	✓	~				✓	✓	✓					<b>√</b>	<b>✓</b>



# Part B.2: Where Specific Water^ Management Values Apply

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

### Life-supporting Capacity (LSC) Value

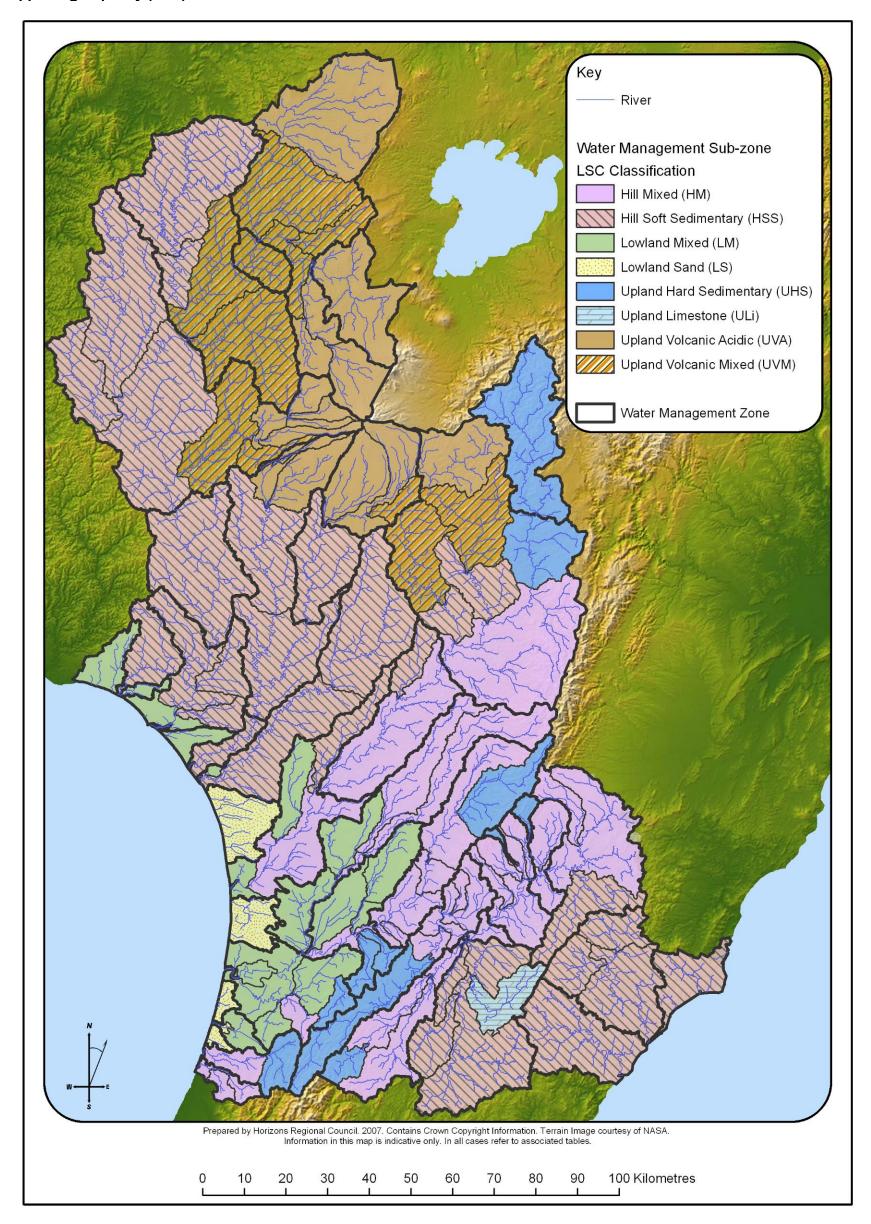


Figure B:1 Visual Guide to the Distribution of the Life-supporting Capacity (LSC) Value





# Natural State (NS) Value

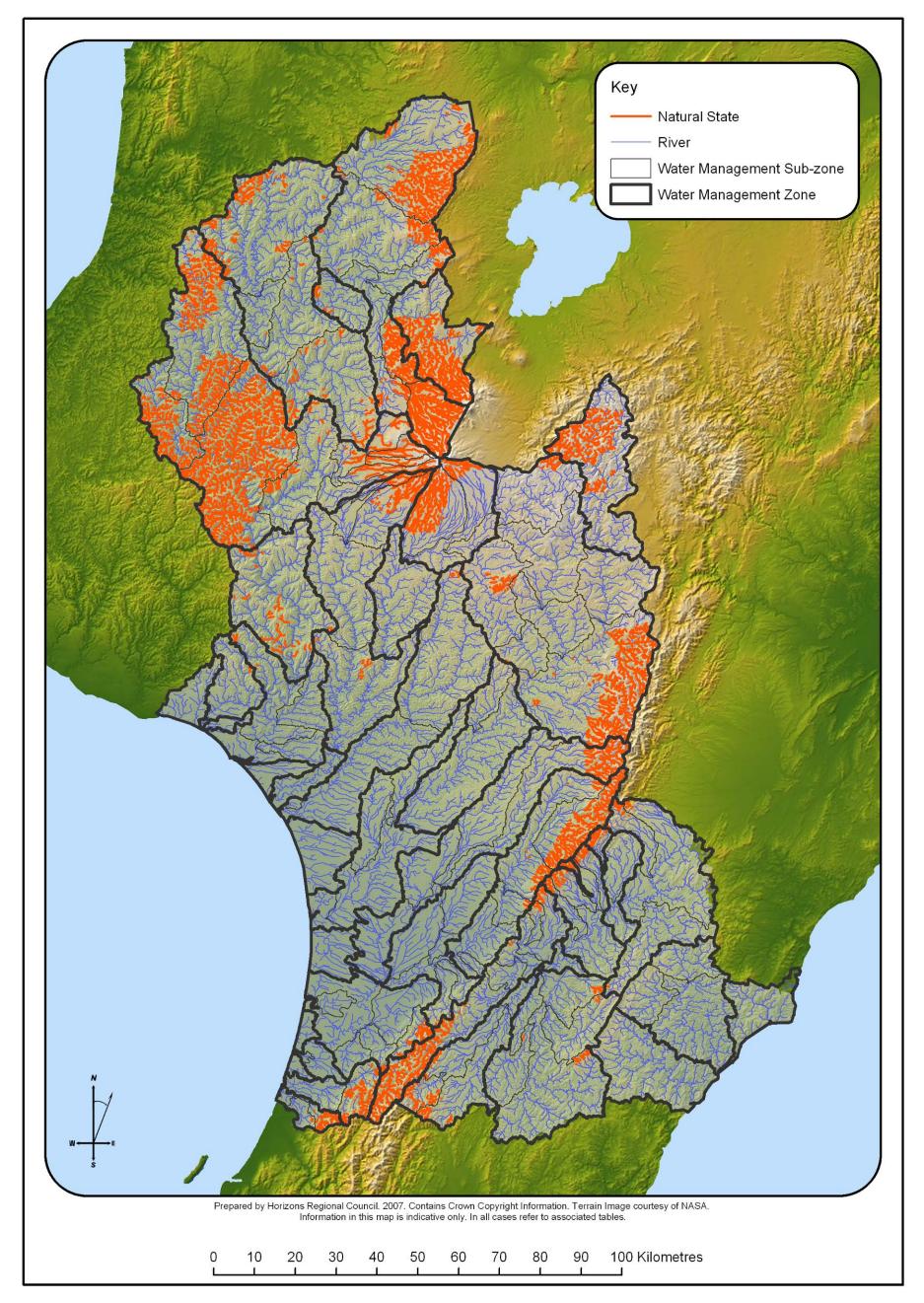


Figure B:2 Visual Guide to the Distribution of the Natural State (NS) Value





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

Table B.2: Rivers <sup>^</sup> within Public Conservation Land excluded from the Natural State (NS) Value								
Water Management Zone*	Sub-zone*	River^	Locality Description					
Upper Gorge (Mana_9)	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					
Coastal Manawatu (Mana_13)	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					





# Sites of Significance - Aquatic (SOS-A) Value

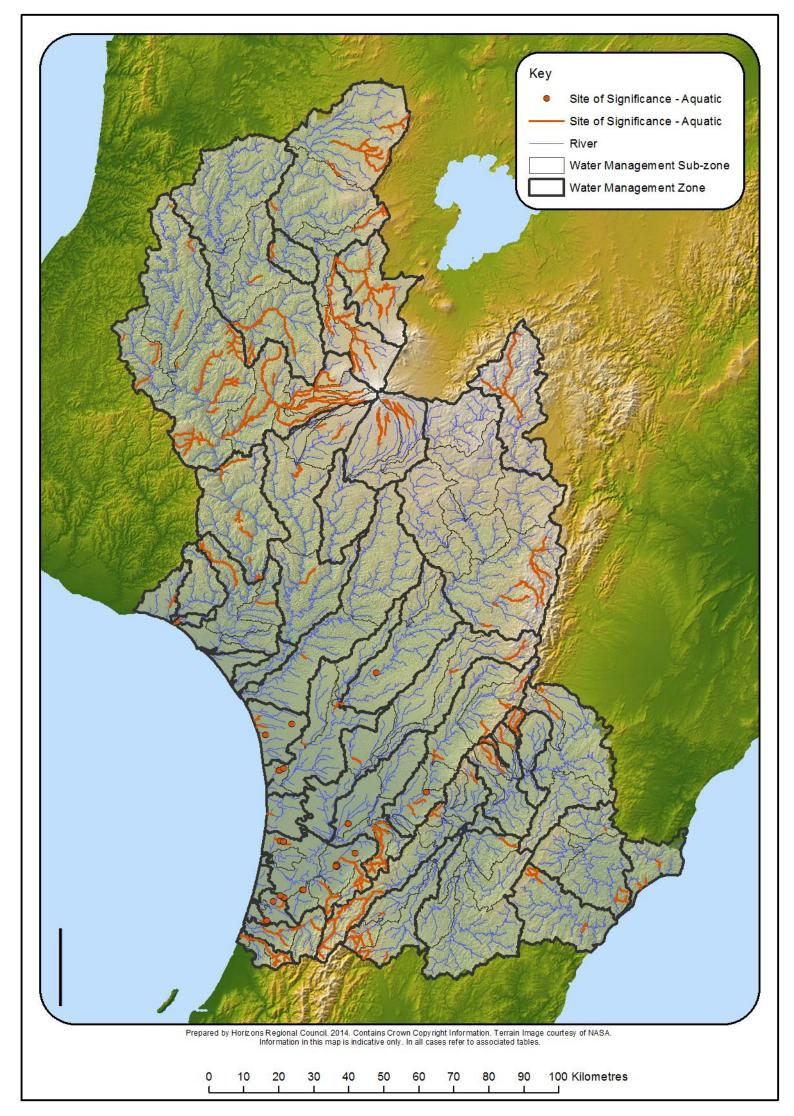


Figure B:3 Visual Guide to the Distribution of the Sites of Significance - Aquatic (SOS-A) Value





Table B.3: Sites of Sig	nificance - Aquatic (SOS-	A) Value in the Region		
Water Management Zone*	Sub-zone*	Site	Locality Description	Species
Upper Manawatu	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 Galaxias
(Mana_1)	Mangatewainui (Mana_1b)	Mangatewainui River	From approx. NZMS 260 U23:828-177 to approx. NZMS 260 U23:785-231	Dwarf <i>Galaxias</i>
Upper Tamaki (Mana_3)	Upper Tamaki (Mana_3)	Tamaki River including East and West Branches	From approx. NZMS 260 U23:710-131 to source	Dwarf Galaxias
Upper Kumeti (Mana_4)	Upper Kumeti (Mana_4)	Kumeti/Mangapuaka Stream	From approx. NZMS 260 T23:646-091 to source	Dwarf Galaxias
	Lower Tamaki (Mana_5b)	Rokaiwhana Stream	From the confluence with the Tamaki River at approx. NZMS 260 T23:697-091 to source	Dwarf Galaxias
Tamaki-Hopelands	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>
(Mana_5)		Oruakeretaki Stream	From approx. NZMS 260 T23:642-045 to approx. NZMS 260 T23:618-067	Dwarf Galaxias
		Oruakeretaki Tributary	From the confluence with the Oruakeretaki Stream at approx. NZMS 260 T23:628-058 to source	Dwarf <i>Galaxias</i>
Tiraumea (Mana_7)	Lower Tiraumea (Mana_7b)	Makairo Stream	From approx. NZMS 260 T24:655-833 to source	Shortjaw kokopu and koaro
Mangatainoka (Mana_8)	, = /	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
	Upper Mangatainoka	Mangatainoka River	From approx. NZMS 260 S25:262-562 to source	Shortjaw kokopu and koaro
	(Mana_8a)	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 Galaxias
	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



Water Management Zone*	Sub-zone*	Site	Locality Description	Species
		Makakahi River	From the confluence with a tributary at approx. NZMS 260 S25:286-514 to source	Shortjaw kokopu
	Upper Gorge	Manawatu River Tributary	From the confluence with the Manawatu River at approx. NZMS 260 T24:486-899 to source	Redfin bully
	(Mana_9a)	Manawatu River Tributary	From the confluence with the Manawatu River at approx. NZMS 260 T24:490-928 to source	Redfin bully
Upper Gorge	Mangaatua (Mana_9c)	Mangaatua Stream	From approx. NZMS 260 T24:590-992 to approx. NZMS 260 T23:574-023	Shortjaw kokopu
(Mana_9)		Mangahao Tributary	From the confluence with the Mangahao River at approx. NZMS 260 S25:150-532 to source	Dwarf <i>Galaxias</i>
	Lower Mangahao	Mangahao River	From approx. NZMS 260 T25:324-679 to source	Dwarf Galaxias and shortjaw kokopu
	(Mana_9e)	Roaring Creek	From the confluence with the Mangahao River at approx. NZMS 260 S25:190-606 to source	Dwarf <i>Galaxias</i>
		Ngapuketurua Stream	From the confluence with the Mangahao River at approx. NZMS 260 S25:278-660 to source	Banded kokopu and shortjaw kokopu
	Middle Manawatu	Manawatu River Tributary	From the confluence with the Manawatu River at approx. NZMS 260 T24:4410-937 to approx. NZMS 260 T24:444-940	Lamprey
	(Mana_10a)	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
Middle Meneuratu	Upper Pohangina	Pohangina Tributary	From the confluence with the Pohangina River at approx. NZMS 260 T23:652-233 to source	Koaro
Middle Manawatu (Mana_10)	(Mana_10b)	Pohangina River	From approx. NZMS 260 U23:705-256 to approx. NZMS 260 U23:708-303	Whio
(Maria_10)		Makawakawa Stream Tributary	From approx. NZMS 260 T23:606-173 to source	Koaro
	Middle Pohangina	Pohangina River	From approx. NZMS 260 T23:468-058 to approx. NZMS 260 T23:469-086	Koaro
	(Mana_10c)	Waitokanui Stream	From the confluence with the Pohangina River at approx. NZMS 260 T23:474-069 to source	Redfin bully
	Lower Pohangina (Mana_10d)	Ashhurst Domain	At approx. NZMS 260 T24:446-967 to approx. NZMS 260 T24:444-940	Brown mudfish
	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
Lower Manawatu (Mana_11)	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
Oroua (Mana_12)	Upper Oroua (Mana_12a)	Mangapikopiko Stream	From the confluence with the Oroua River at approx. NZMS 260 T22:515-307 to approx. NZMS 260 T22:538-317	Banded kokopu



Water Management Zone*	Sub-zone*	Site	Locality Description	Species
		Oroua River	From approx. NZMS 260 T22:667-349 to source	Banded kokopu
	Makino (Mana_12e)	Mangaone West Stream	From approx. NZMS 260 S23:258-050 to approx. NZMS 260 S23:236-064	Redfin bully
	Coastal Manawatu	Round Bush Scenic Reserve and Tributary	From approx. NZMS 260 S24:013-835 to source at approx. NZMS 260 S24:058-819	Brown mudfish
	(Mana_13a)	Heatherlea Park Swamp	At approx. NZMS 260 S25:041-667	Banded kokopu
		Te Whanga Swamp	At approx. NZMS 260 S25:030-672	Banded kokopu
		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
	Upper Tokomaru (Mana_13b)	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
Coastal Manawatu (Mana_13)	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
		Rangitikei River	From approx. NZMS 260 U20:707-031 to approx. NZMS 260 U19:716-274	Whio
Upper Rangitikei (Rang_1)	Upper Rangitikei (Rang_1)	Mangamarie River	From the confluence with the Rangitikei River at approx. NZMS 260 T20:691-090 to approx. NZMS 260 T20:699-102	Whio
(Nai/9_1/	(1.00.19_1)	Otamatenui Stream	From the confluence with the Rangitikei River at approx. NZMS 260 T20:672-107 to approx. NZMS 260 T20:603-146	Whio
Middle Rangitikei (Rang_2)	Pukeokahu - Mangaweka (Rang_2b)	Mangatera River	From the confluence with the Maropea River at approx. NZMS 260 U21:749-655 to Lake Colenso at approx. NZMS 260 U21:781-660	Whio
		Waiokotore Stream	From the confluence with the Mangatera River at approx. NZMS 260 U21:770-659 to approx. NZMS 260 U21: 789-697	Whio
		Maropea River	From the confluence with the Mangatera River at approx. NZMS 260 U21:749-655 to approx. NZMS 260 U22:803-580	Whio



Water Management Zone*	Sub-zone*	Site	Locality Description	Species
		Kawhatau River	From the confluence with Hikurangi Stream at approx. NZMS 260 U22:700-557 to approx. NZMS 260 U22:760-499	Whio
		Waikakamaka River	From the confluence with the Maropea River at approx. NZMS 260 U21:748-622 to approx. NZMS 260 U22:782-502	Whio
		Porangaki River	From the confluence with the Mangakukeke Stream at approx. NZMS 260 T22:635-507 to approx. NZMS 260 T22:651-499	Dwarf Galaxias 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 Galaxias
Lower Rangitikei and Coastal Rangitikei (Rang_3 and Rang_4)	Lower Rangitikei and Coastal Rangitikei (Rang_3a and Rang_4a)	Rangitikei River	From approx. NZMS 260 S23:184-206 to approx. NZMS 260 S23:210-222	Redfin bully
Coastal Rangitikei	Tidal Rangitikei (Rang_4b)	Forest Road Wetland	From approx. NZMS 260 S23:016-028 to approx. NZMS 260 S23:040-034	Giant kokopu
(Rang_4)	Tutaenui (Rang_4d)	Tutaenui Stream Tributary	From the confluence with the Tutaenui Stream at approx. NZMS 260 S23:104-104 to source	Brown mudfish
Upper Whanganui (Whai_1)	Upper Whanganui (Whai_1)	Otamangakau Outlet	From the confluence with the Whanganui River at approx. NZMS 260 T19:354-409 to approx. NZMS 260 T19:359-411	Whio
		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



Water Management Zone*	Sub-zone*	Site	Locality Description	Species
		Waionenui Stream	From the confluence with the Waipari Stream at approx. NZMS 260 S19:289-476 to approx. NZMS 260 S19:292-478	Whio
		Waione Stream	From the confluence with the Waipari Stream at approx. NZMS 260 S19:282-465 to approx. NZMS 260 S19:286-462	Whio
Upper Whanganui (Whai_1)	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
Cherry Grove (Whai_2)	Upper and Lower Whakapapa (Whai_2b and Whai_2c)	Whakapapa River and Whakapapaiti Stream	From the confluence with the Whanganui River at approx. NZMS 260 S19:188-495 to source	Whio
		Waikare Stream	From the confluence with the Whakapapaiti Stream at approx. NZMS 260 S19:238-224 to approx. NZMS 260 S19:287-216	Whio
	Upper Whakapapa	Mangahuia Stream	From the confluence with the Whakapapaiti Stream at approx. NZMS 260 S19:233-230 to approx. NZMS 260 S19:238-166	Whio
	(Whai_2b)	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
	Piopiotea (Whai_2d)	Piopiotea 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 Piopiotea Stream at approx. NZMS 260 S19:160-328 to approx. NZMS 260 S19:168-316	Whio
	Pungapunga	Pungapunga River	From approx. NZMS 260 S18:291-612 to source	Whio
	(Whai_2e)	Pungapunga River	From approx. NZMS 260 S18:234-573 to source	Koaro
		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
	Upper Ongarue	Piropiro Stream	From the confluence with the Maramataha River at approx. NZMS 260 S17:251-804 to source	Whio
	(Whai_2f)	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



Water Management Zone*	Sub-zone*	Site	Locality Description	Species
	Lower Ongarue (Whai_2g)	Opotiki Stream	From approx. NZMS 260 S18:022-633 to source	Shortjaw kokopu
Te Maire (Whai_3)	Te Maire (Whai_3)	Motutara Stream	From the confluence with Whanganui River at approx. NZMS 260 S19:000-488 to source	Shortjaw kokopu
	Middle Whanganui (Whai_4a)	Whanganui River Tributary	From the confluence with the Whanganui River at approx. NZMS 260 S19:939-422 to source	Shortjaw kokopu
Middle Whanganui (Whai_4)	Retaruke	Retaruke River	From the confluence with the Whanganui River at approx. NZMS 260 R19:890-309 to approx. NZMS 260 S19:072-213	Whio
	(Whai_4d)	Horomea Stream	From approx. NZMS 260 S19:947-252 to source	Whio
		Morinui Stream	From approx. NZMS 260 S19:954-233 to source	Whio
Pipiriki (Whai_5)		Mangapurua Stream and tributaries	From approx. NZMS 260 R20:800-117 to source	Whio
	Pipiriki (Whai_5a)	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
		Waitaanga Stream Tributary	From the confluence with the Waitaanga Stream at approx. NZMS 260 R18:710-645 to source	Redfin bully
	Tangarakau	Heao Stream	From approx. NZMS 260 R18:781-513 to source	Shortjaw kokopu and koaro
	(Whai_5b)	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
	Miles	Tirohanga Stream	From the confluence with the Whangamomona River at approx. NZMS 260 R20:658-157 to source	Shortjaw kokopu
	Whangamomona (Whai_5c)	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



Water Management Zone*	Sub-zone*	Site	Locality Description	Species
	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	Makomiko Stream	From the confluence with the Waimarino Stream at approx. NZMS 260 S20:153-168 to source	Koaro
	(Whai_5g)	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	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
	(Whai_5h)	Mangaturuturu River Tributary	From the confluence with the Mangaturuturu River at approx. NZMS 260 S20:161-083 to source	Koaro
		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
	Lower Manganui o te Ao (Whai_5e)	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
		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
Paetawa (Whai 6)	Paetawa (Whai_6)	Otuporiki Stream	From the confluence with the Whanganui River at approx. NZMS 260 S21:950-696 to source	Redfin bully
(**************************************		Taupiri Stream	From the confluence with the Whanganui River at approx. NZMS 260 S21:942-624 to source	Redfin bully
		Whauteihi Stream	From the confluence with Whanganui River at approx. NZMS 260 S22:959-577 to source	Bluegill bully



Water Management Zone*	Sub-zone*	Site	Locality Description	Species
Lower Whanganui	Lower Whanganui (Whai_7a)	Kauarapaoa Stream	From approx. NZMS 260 S22:900-558 to source	Redfin bully
(Whai_7)	Upokongaro (Whai_7c)	Mongotai Stream	From the confluence with the Upokongaro Stream at approx. NZMS 260 S22:958-511 to source	Lamprey
	Upper Whangaehu	Unnamed Tributary of the Whangaehu River	From approx. NZMS 260 T20:410-019 to source	Whio
	(Whau_1a)	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
Upper Whangaehu (Whau_1)		Unnamed Tributary of the Tokiahuru Stream	From approx. NZMS 260 T20:341-027 to source	Whio
	Tokiahuru (Whau_1c)	Unnamed Tributary of the Unuunuakapuateariki Stream	From approx. NZMS 260 T20:329-989 to source	Whio
		Unuunuakapuateariki Stream and tributaries	From approx. NZMS 260 T20:312-960 to source	Whio
	Lower Whangaehu (Whau_3a)	Taukoro Stream	From the confluence with the Mangawhero River at approx. NZMS 260 S22:083-566 to source	Koaro
Lower Whangaehu	Upper Mangawhero (Whau_3d)	Mangawhero River	From approx. NZMS 260 S20:179-978 (Ohakune) to source	Whio
(Whau_3)		Taonui Stream	From approx. NZMS 260 S20:135-009 to approx. NZMS 260 S20:160-021	Whio
	Lower Mangawhero (Whau_3e)	Mangawhero River	From approx. NZMS 260 S21:067-875 to approx. NZMS 260 S20:080-903	Whio
Turakina (Tura_1)	Lower 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
	Upper Ohau (Ohau_1a)	Waiti Stream	From the confluence with the Ohau River at approx. NZMS 260 S25:118-604 to source	Redfin bully
Ohau	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_1)	Lower Ohau	Ohau River	From approx. NZMS 260 S25:982-578 to approx. NZMS 260 S25:039-574	Redfin bully
	(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
Owokanaa	Owehanna	Owahanga River	From approx. NZMS 260 U25:902-585 to approx. NZMS 260 U25:889-568	Redfin bully
Owahanga (Owha_1)	Owahanga (Owha_1)	Pongaroa River	From approx. NZMS 260 U24:778-708 to source	Redfin bully and shortjaw kokopu
East Coast (East_1)	East Coast (East_1)	Waimata River	From the cross-river CMA boundary at approx. NZMS 260 U25:058-691 to approx. NZMS 260 U24:051-710	Redfin bully



Water Management Zone*	Sub-zone*	Site	Locality Description	Species
		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
	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
Akitio		Middle Creek	From the confluence with the Akitio River at approx. NZMS 260 U25:986-654 to source	Redfin bully and banded kokopu
(Akit_1)	Lower Akitio (Akit_1b)	Wakawaihine Stream	From the confluence with the Akitio River at approx. NZMS 260 U25:985-657 to approx. NZMS 260 U25:990-677	Redfin bully
		Wakawaihine Stream Tributary	From approx. NZMS 260 U25:998-696 to source	Redfin bully
Northern Coastal (West_1)	Northern Coastal (West_1)	Okehu Stream	From approx. NZMS 260 R22:713-495 to approx. NZMS 260 R22:731-531	Redfin bully
Mowhanau (West_3)	Mowhanau (West_3)	Mowhanau Stream	From the cross-river CMA boundary at NZMS 260 R22:2672640-6144895 to approx. NZMS 260 R22:743-462	Redfin bully
		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
Southern Whanganui Lakes	Southern Whanganui Lakes (West_5)	Waimahora Stream	From the cross-river CMA boundary at approx. NZMS 260 S23:961-153 to approx. NZMS 260 S23:989-154	Banded kokopu
(West_5)		Lake Herbert	At approx. NZMS 260 S23:063-162	Brown mudfish
		Knottingly Swamp	At approx. NZMS 260 S23:988-131	Brown mudfish
Northern Manawatu Lakes (West_6)	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
Laka Danaitanga	Laka Danaitanga	Lake Papaitonga	Lake Papaitonga Wetland at approx. NZMS 260 S25:991-600	Brown mudfish
Lake Papaitonga (West_8)	Lake Papaitonga (West_8)	Lake Papaitonga and tributaries	From the confluence with Lake Papaitonga and Waiwiri Stream at approx.  NZMS 260 S25:977-600 to source	Banded kokopu
Waikawa	Waikawa	Panatewaewae Stream	From the confluence with the Waikawa Stream at approx. NZMS 260 S25:017-498 to source	Koaro
(West_9)	(West_9)	Waikawa Stream	Waikawa Stream mainstem from the cross-river CMA boundary at approx. NZMS 260 S25:2691531-6055429 to source	Shortjaw kokopu and redfin bully



Water Management Zone*	Sub-zone*	Site	Locality Description	Species
Lake Horowhenua	Lake Horowhenua (Hoki_1a)	Patiki Stream	From the confluence with Lake Horowhenua at approx. NZMS 260 S25:019-642 to source	Giant kokopu
(Hoki_1)	(1 IUNI_1a)	Whitiki Swamp	At approx. NZMS 260 S25:010-655	Brown mudfish



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

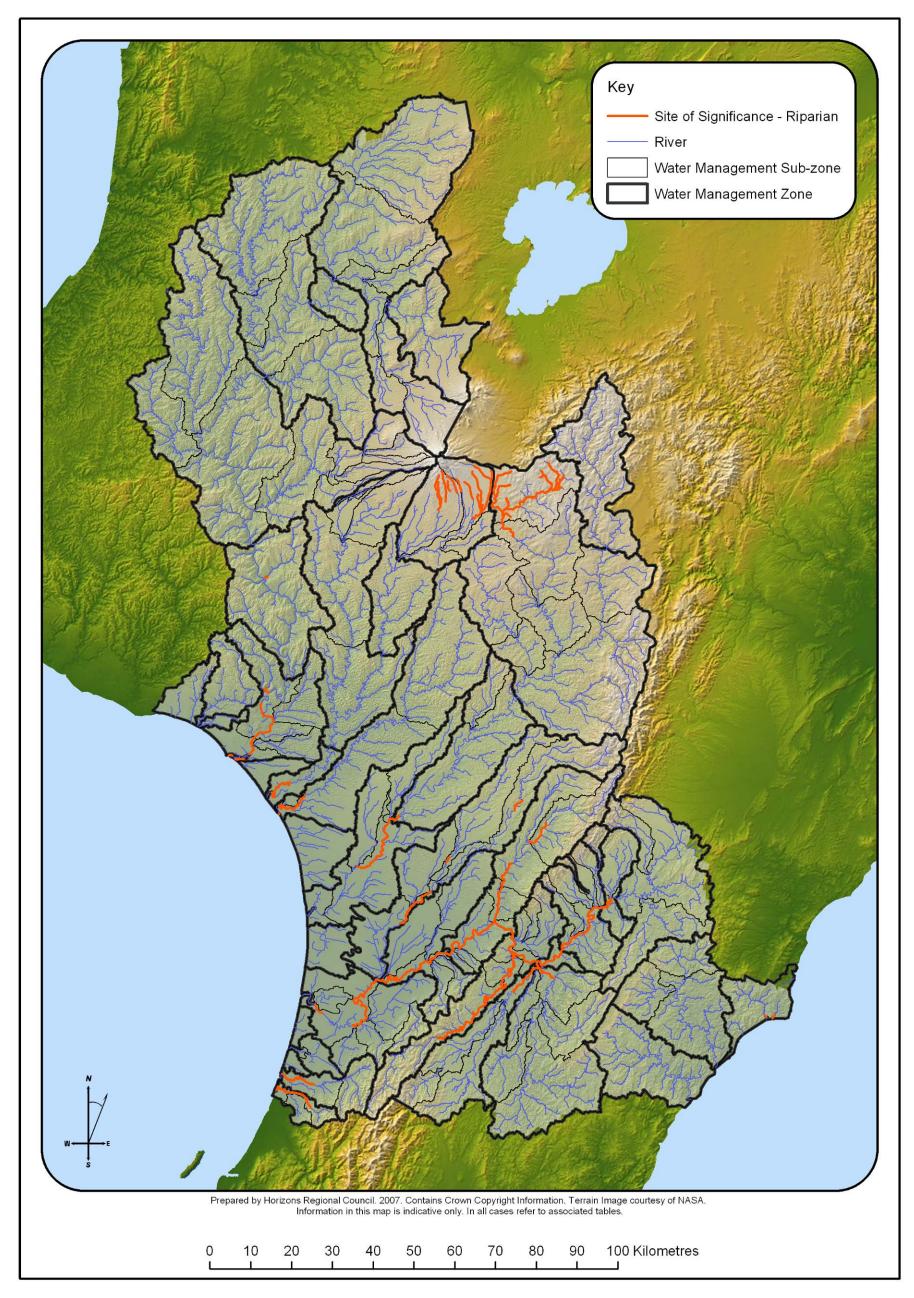


Figure B:4 Visual Guide to the Distribution of the Sites of Significance - Riparian (SOS-R) Value





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

Water Management Zone*	Sub-zone*	River^	Locality Description	Riparian Habitat Value
Weber-Tamaki (Mana_2)	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)
Tamaki-Hopelands (Mana_5)	Tamaki- Hopelands (Mana_5a)	Manawatu River	From approx. NZMS 260 T24:614-897 to approx. NZMS 260 U23:708-003	Gravel and sand (dotterel)
Hopelands-Tiraumea (Mana_6)	Hopelands- Tiraumea (Mana_6)	Manawatu River	From the confluence with the Tiraumea River at approx. NZMS 260 T24:553-871 to approx. NZMS 260 T24:614-897	Gravel and sand (dotterel)
Tiraumea (Mana_7)	Lower Tiraumea (Mana_7b)	Tiraumea River	From the confluence with the Manawatu River at approx. NZMS 260 T24:553-871 to the confluence with the Makairo Stream at approx. NZMS 260 T24:597-831	Gravel and sand (dotterel)
Mangatainoka (Mana_8)	Lower Mangatainoka (Mana_8c)	Mangatainoka River	From the confluence with the Tiraumea River at approx. NZMS 260 T24:557-856 to approx. NZMS 260 T24:495-786	Gravel and sand (dotterel)
Upper Gorge (Mana_9)	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)
Middle Manawatu (Mana_10)	Middle Manawatu (Mana_10a)	Manawatu River	From Teachers College at approx. NZMS 260 T24:332-891 to the Manawatu Gorge at approx. NZMS 260 T24:495-938	Gravel and sand (dotterel)
	Upper Pohangina (Mana_10b)	Pohangina River	From approx. NZMS 260 T23:534-168 to approx. NZMS 260 T23:577-213	Gravel and sand (dotterel)
	Middle Pohangina (Mana_10c)	Pohangina River	From approx. NZMS 260 T23:464-043 to approx. NZMS 260 T23:493-113	Gravel and sand (dotterel)
	Lower Pohangina (Mana_10d)	Pohangina River	From the confluence with the Manawatu River at approx. NZMS 260 T24:448-965 to approx. NZMS 260 T23:464-043	Gravel and sand (dotterel)
Lower Manawatu (Mana_11)	Lower Manawatu (Mana_11a)	Manawatu River	From the confluence with the Oroua River at approx. NZMS 260 S24:164-825 to Teachers College at approx. NZMS 260 T24:332-891	Gravel and sand (dotterel)
Oroua (Mana_12)	Upper Oroua (Mana_12a)	Oroua River	From approx. NZMS 260 T23:500-242 to approx. 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)



Water Management Zone*	Sub-zone*	River^	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	Upper	Whangaehu River and tributaries	From approx. NZMS 260 T20:397-960 to source	Gravel and sand (dotterel)
(Whau_1)	Whangaehu	Makahikatoa Stream and tributaries	From approx. NZMS 260 T20:396-008 to source	Gravel and sand (dotterel)
	(Whau_1a)	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)
		Unnamed tributary of the Te Unuunuakapuateariki Stream	From approx. NZMS 260 T20:329-999 to source	Gravel and sand (dotterel)



Water Management Zone*	Sub-zone*	River^	Locality Description	Riparian Habitat Value
		Te Unuunuakapuateariki Stream and tributaries	From approx. NZMS 260 T20:311-980 to source	Gravel and sand (dotterel)
Coastal Whangaehu (Whau_4)	Coastal Whangaehu (Whau_4)	Whangaehu River	From the 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)
Turakina (Tura_1)	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)
Ohau (Ohau_1)	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)
East Coast	East Coast	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)
(East_1)	(East_1)	Tuatane Stream	From approx. NZMS 260 V24:132-730 to approx. NZMS 260 V24:136-737	Mud/silt habitat and estuarine roosts (waders)
Waikawa (West_9)	Waikawa (West_9a)	Waikawa Stream	From the cross-river CMA boundary at NZMS 260 S25:2691531-6055429 to approx. NZMS 260 S25:000-511	Gravel and sand (dotterel) Mud/silt habitat and estuarine roosts (waders)





# Inanga Spawning (IS) Value



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





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

Water Management Zone*	Sub-zone*	River^	Locality Description
Coastal Manawatu	Coastal Manawatu	Manawatu River	From the cross-river CMA boundary at NZMS 260 S24:2700963-6076686 to a point 100 m upstream
(Mana_13)	(Mana_13a)	Whitebait Creek	From the confluence with the Manawatu River at approx. NZMS 260 S24:982-791 to source
Coastal Rangitikei (Rang 4)	Tidal Rangitikei (Rang_4b)	Rangitikei River	From the cross-river CMA boundary at NZMS 260 S23:2700960-6100119 to a point 100 m upstream
	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
		Whanganui River	From the cross-river CMA boundary at NZMS 260 R22:2684857-6138015 to a point 100 m upstream
Lower Whanganui (Whai_7)	Coastal Whanganui (Whai_7b)	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
Coastal Whangaehu (Whau_4)	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
Ohau	Lower Ohau	Ohau River	From the cross-river CMA boundary at NZMS 260 S25:2692921-6059503 to approx. NZMS 260 S25:948-579
(Ohau_1)	(Ohau_1b)	Lake Waitaha Drain	From the confluence with the Ohau River at approx. NZMS 260 S25:946-580 to the Lake Waitaha outlet at approx. NZMS 260 S25:954-605
Akitio	Lower Akitio	Akitio River	From the cross-river CMA boundary at NZMS 260 U25:2799657-6061852 to a point 100 m upstream
(Akit_1)	(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
Northern Coastal (West_1)	Northern Coastal (West_1)	Okehu Stream	From the cross-river CMA boundary to the intersection with SH3 at approx. NZMS 260 R22:717-510



Water Management Zone*	Sub-zone*	River^	Locality Description
Kai Iwi (West_2)	Kai lwi (West_2)	Kai lwi Stream	From the cross-river CMA boundary at NZMS 260 R22:2672262-6145059 to approx. NZMS 260 R22:721-519
Mowhanau (West_3)	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
Kaitoke Lakes (West_4)	Kaitoke Lakes (West_4)	Kaitoke Stream	From the cross-river CMA boundary to Kaitoke Lake at approx. NZMS 260:R22:869-358
Southern Whanganui	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
Lakes (West_5)		Waimahora Stream	From the cross-river CMA boundary to intersection with Santoft Rd at approx. NZMS 260 S23:001-154
(west_5)		Raumai Range Stream	From the cross-river CMA boundary to source
Northern Manawatu Lakes	Northern Manawatu Lakes	Kaikokopu Stream	From the cross-river CMA boundary to Lake Kaikokopu at approx. NZMS 260 S24:019-899
(West_6)	(West_6)	4 Mile Creek	From the cross-river CMA boundary to Lake Pukepuke at approx. NZMS 260 S24:024-937
Lake Papaitonga (West_8)	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
Lake Horowhenua (West 9)	Hokio (Hoki_1b)	Hokio Stream	From the cross-river CMA boundary at NZMS 260 S25:2694967-6065799 to 100 m upstream



# Whitebait\* Migration (WM) Value

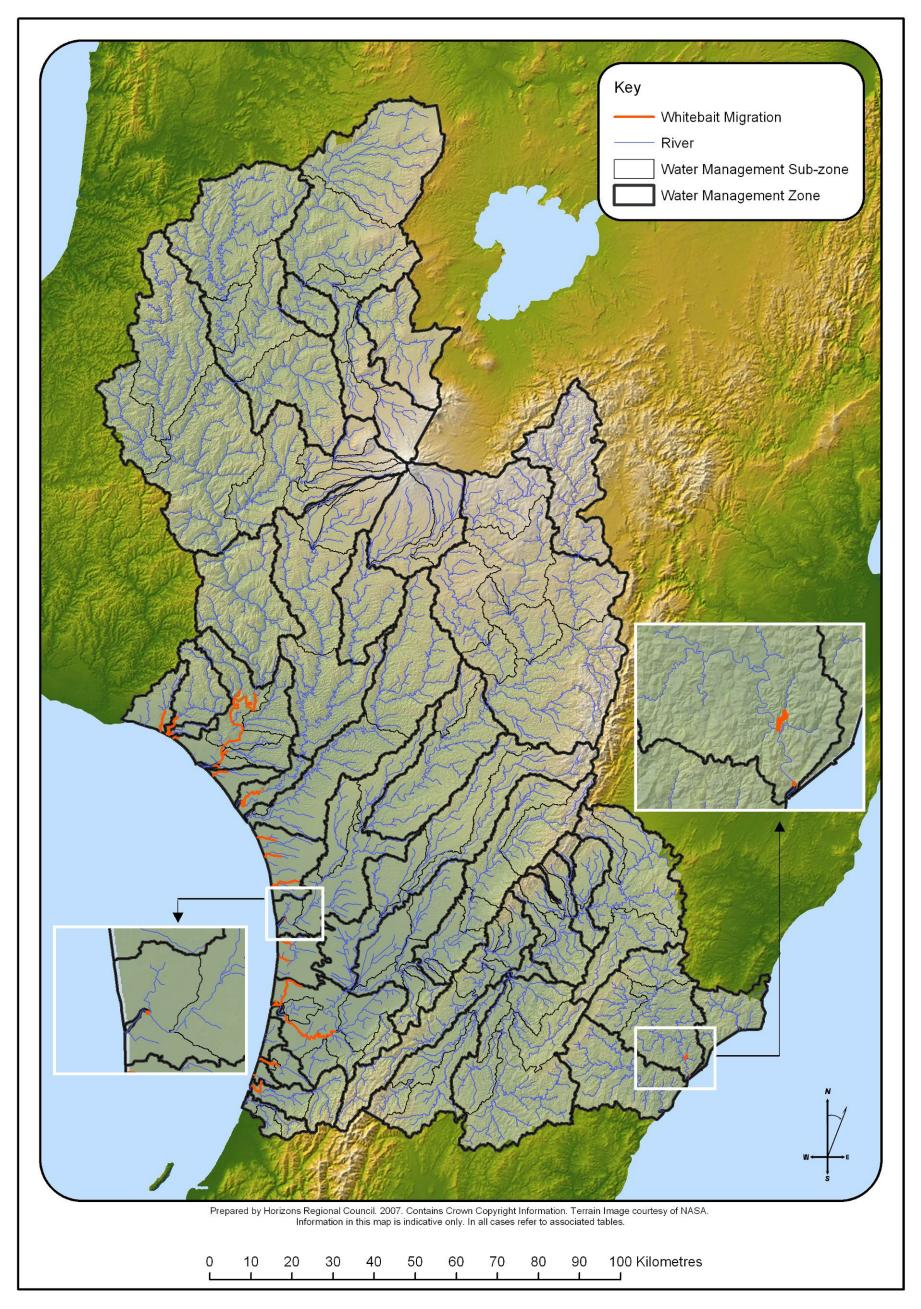


Figure B:6 Visual Guide to the Distribution of the Whitebait\* Migration (WM) Value





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

Water Management Zone*	Sub-zone*	River^	Locality Description
		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
Coastal Manawatu (Mana_13)	Coastal Manawatu (Mana_13a)	Holben Parade Creek	From the confluence with the Manawatu River at approx. NZMS 260 S24:981-789 to the intersection with Seabury Avenue at approx. NZMS 260 S24:986-800
		Whitebait Creek	From the confluence with the Manawatu River at approx. NZMS 260 S24:982-791 to source
Coastal Rangitikei (Rang_4)	Tidal Rangitikei (Rang_4b)	Rangitikei River	From the cross-river CMA boundary at NZMS 260 S23:2700960-6100119 to a point 100 m upstream
	Lower Whanganui	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
	(Whai_7a)	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 Whanganui (Whai_7)	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
(WHal_7)	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 lkitara Road at approx. NZMS 260 R22:869-409
Coastal Whangaehu (Whau_4)	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
Ohau	Lower Ohau	Ohau River	From the cross-river CMA boundary at NZMS 260 S25:2692921-6059503 to approx. NZMS 260 S25:948-579
(Ohau_1)	(Ohau_1b)	Lake Waitaha Drain	From the confluence with the Ohau River at approx. NZMS 260 S25:946-580 to the Lake Waitaha outlet at approx. NZMS 260 S25:954-605
Akitio	Lower Akitio	Akitio River	From the cross-river CMA boundary at NZMS 260 U25:2799657-6061852 to a point 100 m upstream



Water Management Zone*	Sub-zone*	River^	Locality Description
(Akit_1)	(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
Northern Coastal (West_1)	Northern Coastal (West_1)	Okehu Stream	From the cross-river CMA boundary to the intersection with SH3 at approx. NZMS 260 R22:717-510
Kai lwi (West_2)	Kai lwi (West_2)	Kai lwi 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
Mowhanau (West_3)	Mowhanau (West_3)	Mowhanau Stream	From the cross-river CMA boundary at NZMS 260 R22:2672640-6144895 to approx. NZMS 260 R22:736-452
Kaitoke Lakes (West_4)	Kaitoke Lakes (West_4)	Kaitoke Stream	From the cross-river CMA boundary to Kaitoke Lake at approx. NZMS 260 R22:869-358
Southern Whanganui	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
Lakes		Waimahora Stream	From the cross-river CMA boundary to the intersection with Santoft Rd at approx. NZMS 260 S23 001-154
(West_5)		Raumai Range Stream	From the cross-river CMA boundary at approx. NZMS 260:S23:979-081 to source
Northern Manawatu Lakes	Northern Manawatu Lakes	Kaikokopu Stream	From the cross-river CMA boundary to Lake Kaikokopu at approx. NZMS 260 S24:019-899
(West_6)	(West_6)	4 Mile Creek	From the cross-river CMA boundary to a point 100 m upstream at approx. NZMS 260 S24:024-937
Lake Papaitonga (West_8)	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
Lake Horowhenua (Hoki_1)	Hokio (Hoki_1b)	Hokio Stream	From the cross-river CMA boundary at NZMS 260 S25:2694967-6065799 to Lake Horowhenua



# Sites of Significance - Cultural (SOS-C)

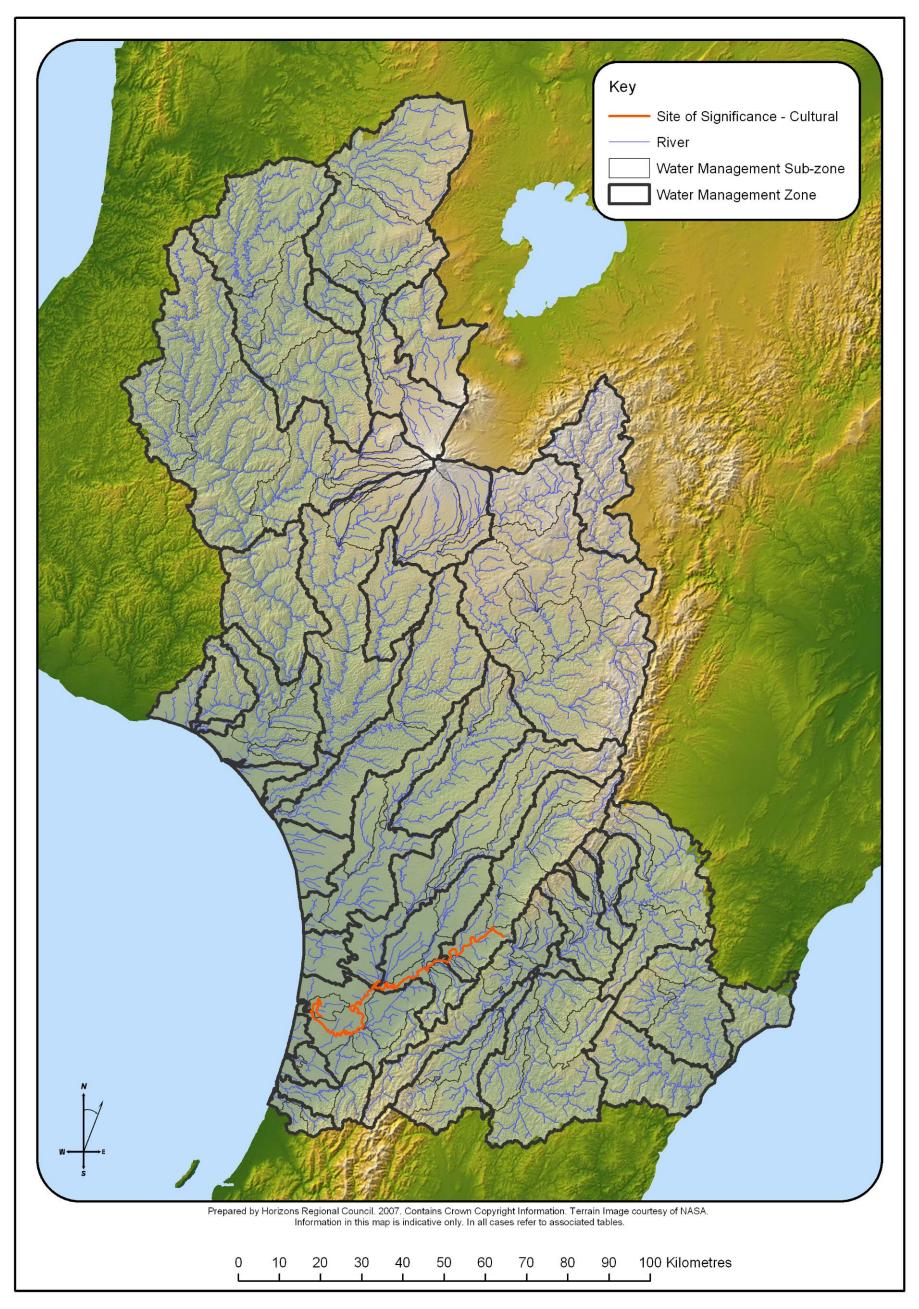


Figure B:7 Visual Guide to the Distribution of the Sites of Significance - Cultural (SOS-C) Value





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

Water Management Zone*	Sub-zone*	River^	Locality Description <sup>1</sup>	Reason	lwi
Middle, Lower and Coastal Manawatu (Mana_10, Mana_11 and Mana_13)	Middle, Lower and Coastal Manawatu (Mana_10a, Mana_11a and Mana_13a)	Manawatu River	Specific <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 wāhi tapu* and taonga*	Rangitaane o Manawatu
Middle Manawatu (Mana_10)	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 wāhi tapu* and taonga*	Rangitaane o Manawatu
Lower Oroua (Mana_12)	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 wāhi tapu* and taonga*	Rangitaane o Manawatu
Coastal Manawatu (Mana_13)	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 wāhi tapu* and taonga*	Rangitaane o Manawatu

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





# **Trout Fishery (TF) Value**

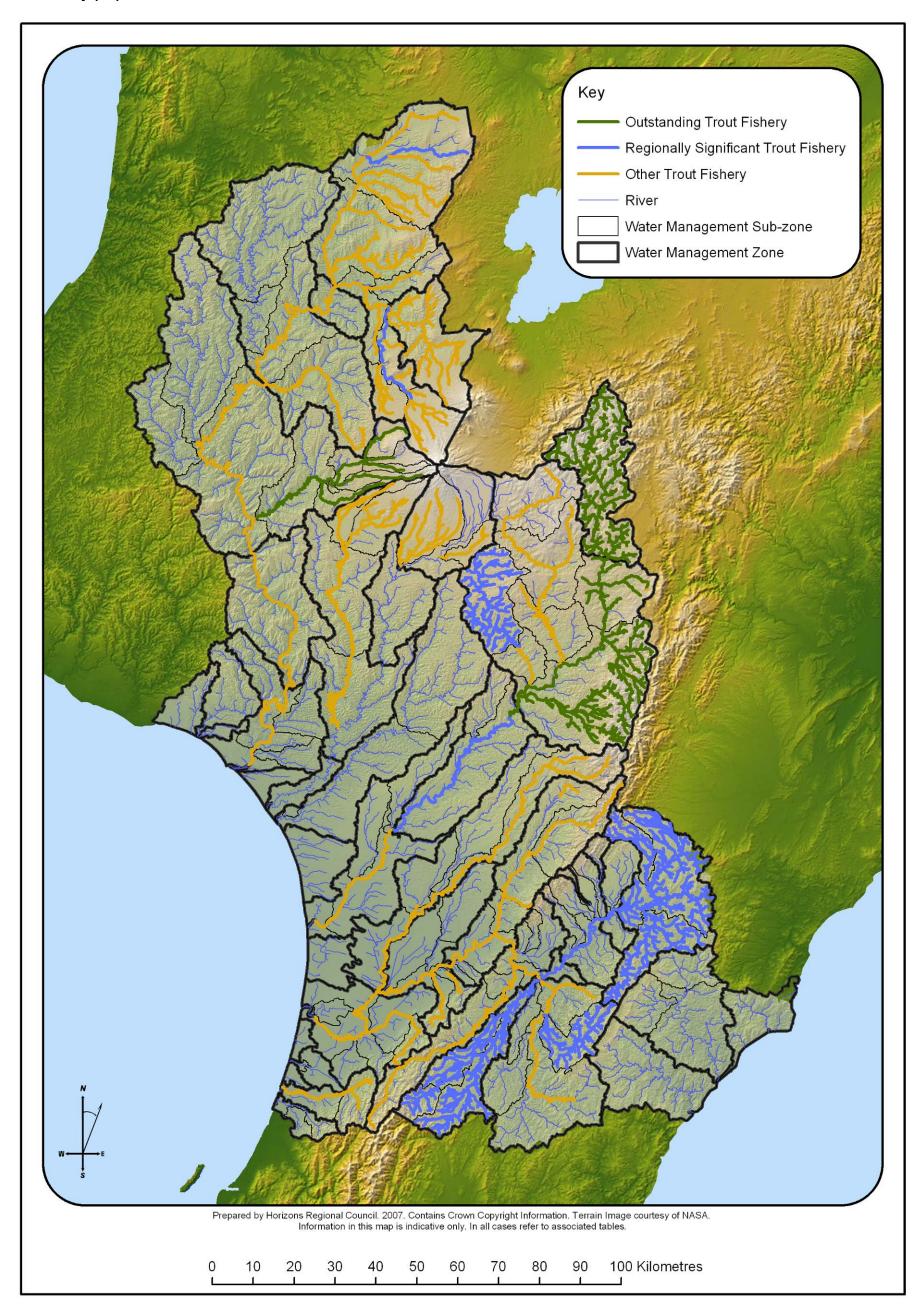


Figure B:8 Visual Guide to the Distribution of the Trout Fishery (TF) Value





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

Water Management Zone*	Sub-zone*	River^	Locality Description	Classification
Upper Manawatu, Weber-Tamaki, Tamaki-Hopelands and Hopelands-Tiraumea (Mana_1, Mana_2, Mana_3, Mana_5 and Mana_6)	Upper Manawatu, Mangatewainui 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
	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
Tiraumea (Mana_7)	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
Mangatainoka (Mana_8)	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
Upper Gorge	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
(Mana_9)	Upper and Lower Mangahao (Mana_9d and Mana_9e)	Mangahao River	From the confluence with the Manawatu River at approx. NZMS 260 T24:496-892 to source	Other Trout Fishery
	Middle Manawatu (Mana_10a)	Manawatu River	From approx. NZMS 260 T24:332-890 to approx. NZMS 260 T24:495-938	Other Trout Fishery
Middle Manawatu (Mana_10)	Upper, Middle and Lower Pohangina (Mana_10b, Mana_10c and Mana_10d)	Pohangina River	From the confluence with the Manawatu River at approx. NZMS 260 T24:449-966 to source	Other Trout Fishery
	Middle Pohangina (Mana_10c)	Makiekie (Coal) Creek	From the confluence with the Pohangina River at approx. NZMS 260 T23:528-166 to source	Other Trout Fishery
Lower Manawatu (Mana_11)	Lower Manawatu (Mana_11a)	Manawatu River	From approx. NZMS 260 T24:332-890 to Oroua confluence at approx. 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



Water Management Zone*	Sub-zone*	River^	Locality Description	Classification
	Kahuterawa (Mana_11c)	Kahuterawa Stream	From the confluence with the Manawatu River at approx. NZMS 260 S24:293-871 to source	Other Trout Fishery
	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
Oroua (Mana_12)	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
Coastal Manawatu (Mana_13)	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
(Maria_13)	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
Upper Rangitikei (Rang_1)	Upper Rangitikei (Rang_1)	Rangitikei River and tributaries	From the Makahikatoa Stream confluence at approx. NZMS 260 U21:725-887 to source	Outstanding
Middle Rangitikei (Rang_2)	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



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



Water Management Zone*	Sub-zone*	River^	Locality Description	Classification											
Upper Whanganui, Cherry Grove, Te Maire, Middle Whanganui, Pipiriki and Paetawa (Whai_1, Whai_2, Whai_3, Whai_4, Whai_5 and Whai_6)	Upper Whanganui, Cherry Grove, Te Maire, Middle Whanganui, Pipiriki and Paetawa (Whai_1, Whai_2a, Whai_3, Whai_4a, Whai_5a and Whai_6)	Whanganui River	From approx. NZMS 260 S22:937-563 to source	Other Trout Fishery											
Upper Whanganui (Whai_1)	Upper Whanganui (Whai_1)	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											
		Herungaweka Stream	From the confluence with the Taringapupu Stream at approx. NZMS 260 S18:229-511 to source	Other Trout Fishery											



Water Management Zone*	Sub-zone*	River^	Locality Description	Classification
		Paewaru Stream	From the confluence with the Taringapupu Stream at approx. NZMS 260 S19:216-488 to source	Other Trout Fishery
		Papanui Stream	From the confluence with the Whanganui River at approx. NZMS 260 S19:192-485 to source	Other Trout Fishery
Cherry Grove (Whai_2)	Cherry Grove (Whai_2a)	Kakahi Stream	From the confluence with the Whanganui River at approx. NZMS 260 S19:151-497 to source	Other Trout Fishery
	Upper and Lower Whakapapa (Whai_2b and Whai_2c)	Whakapapa River	From the confluence with the Whanganui River at approx. NZMS 260 S19:188-495 to source	Regionally Significant Trout Fishery
		Whakapapaiti Stream	From the confluence with the Whakapapa River at approx. NZMS 260 S19:243-268 to source	Other Trout Fishery
	Upper Whakapapa (Whai_2b) Lower Whakapapa (Whai_2c)	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
		Unnamed Tributary of the Whakapapa River	From the confluence with the Whakapapa River at approx. NZMS 260 S19:174-416 to source	Other Trout Fishery
		Otamawairua Stream	From the confluence with the Whakapapa River at approx. NZMS 260 S19:193-324 to source	Other Trout Fishery
	Piopiotea Stream (Whai_2d)	Piopiotea Stream and tributaries	From the confluence with the Whakapapa River at approx. NZMS 260 S19:174-356 to source	Other Trout Fishery
	Pungapunga (Whai_2e)	Pungapunga River	From approx. NZMS 260 S18:124-544 to approx. NZMS 260 S18:266-577	Other Trout Fishery



Water Management Zone*	Sub-zone*	River^	Locality Description	Classification
	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
		Ongarue River	From the confluence with the Waimiha Stream at approx. NZMS 260 S17:132-862 to source	Regionally Significant Trout Fishery
		Waimiha Stream	From the confluence with the Ongarue River at approx. NZMS 260 S17:132-862 to source	Other Trout Fishery
	Upper Ongarue (Whai_2f)	Waione Stream	From the confluence with the Ongarue River at approx. NZMS 260 S17:132-862 to source	Other Trout Fishery
		Okauaka Stream	From the confluence with the Ongarue River at approx. NZMS 260 S17:188-864 to source	Other Trout Fishery
		Maramataha River	From the confluence with the Ongarue River at approx. NZMS 260 S17:116-806 to source	Other Trout Fishery
	Lower Ongarue (Whai_2g)	Mangakahu Stream	From the confluence with the Ongarue River at approx. NZMS 260 S18:087-736 to source	Other Trout Fishery
		Taringamotu River and tributaries	From the confluence with the Ongarue River at approx. NZMS 260 S18:046-582 to source	Other Trout Fishery
Middle Whanganui (Whai_4)	Retaruke (Whai_4d)	Retaruke River	From the confluence with the Whanganui River at approx. NZMS 260 R19:889-309 to source	Other Trout Fishery
	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
Pipiriki (Whai_5)	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
Lower Whanganui (Whai_7)	Lower Whanganui (Whai_7a)	Whanganui River	From approx. NZMS 260 R22:861-422 to approx. NZMS 260 S22:938-563	Other Trout Fishery



Water Management Zone*	Sub-zone*	River^	Locality Description	Classification
	Coastal Whanganui (Whai_7b)	Whanganui River	From approx. NZMS 260 R22:848-381 to approx. NZMS 260 R22:861-422	Other Trout Fishery
Upper Whangaehu	Waitangi (Whau_2b)	Waitangi Stream	From the confluence with the Whangaehu River at approx. NZMS 260 T21:315-888 to source	Other Trout Fishery
(Whau_2)	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
	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
Lower Whangaehu (Whau_3)	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
W 11 1 1	Kaitoke Lakes (West_4)	Lake Wiritoa	Lake Wiritoa at approx. NZMS 260 R22:877-350	Other Trout Fishery
Kaitoke Lakes (West 4)		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
Ohau (Ohau 1)	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





# **Trout Spawning (TS) Value**

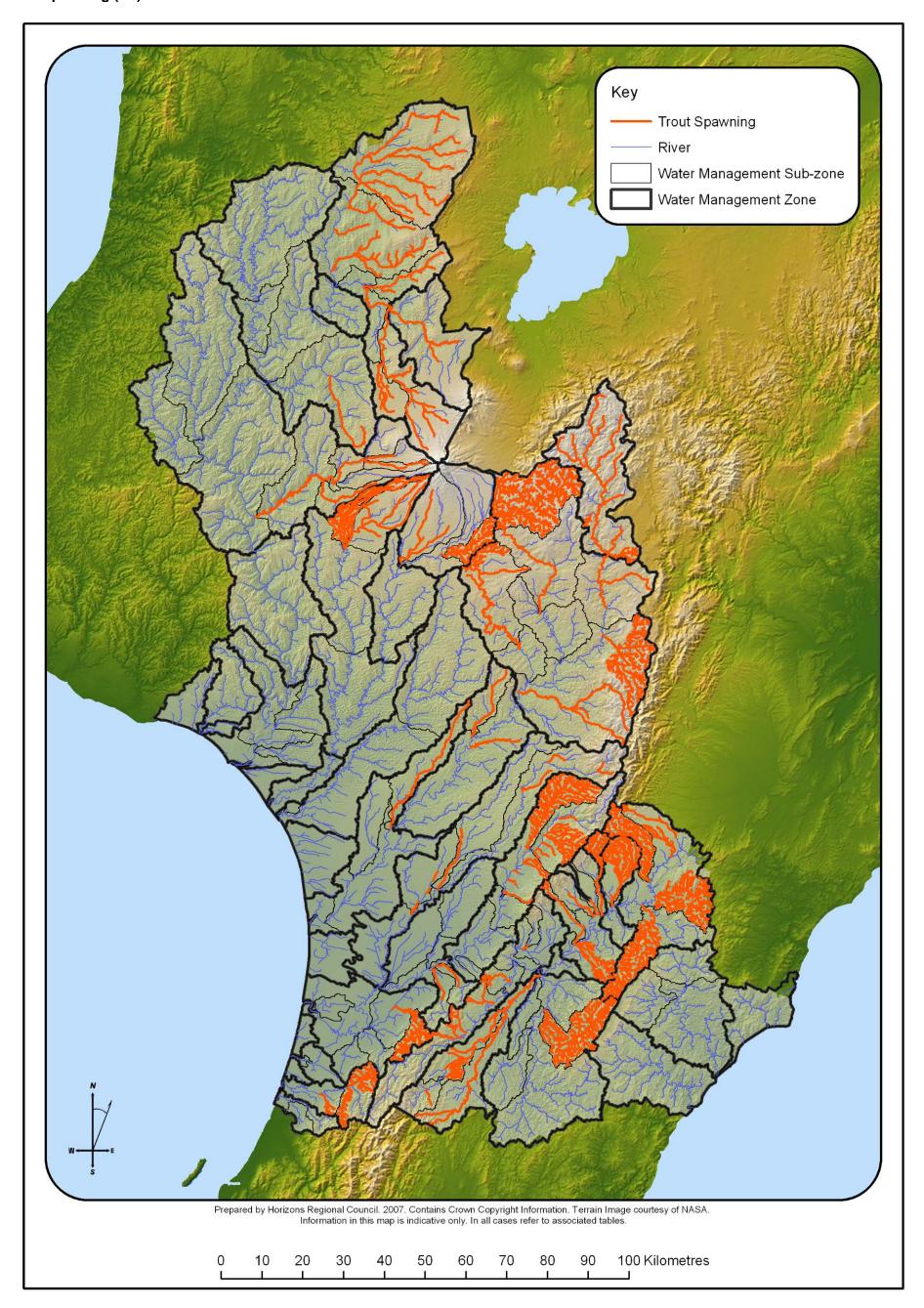


Figure B:9 Visual Guide to the distribution of the Trout Spawning (TS) Value





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

Water Management Zone*	Sub-zone*	River^	Locality Description
		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
	Upper Manawatu (Mana_1a)	Mahurauiti 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
Upper Manawatu		Mangapuaka Stream and tributaries	From the confluence with the Manawatu River at approx. NZMS 260 U23:841-044 to source
(Mana_1)	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
	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
Weber - Tamaki (Mana_2)		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
Upper Tamaki (Mana_3)	Upper Tamaki (Mana_3)	Tamaki River and tributaries	From approx. NZMS 260 U23:706-100 to source.
Tamaki - Hopelands	Tamaki - Hopelands (Mana_5a)	Otawhao Stream and tributaries	From the confluence with the Manawatu River at approx. NZMS 260 T24:651-935 to source
(Mana_5)		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



Water Management Zone*	Sub-zone*	River^	Locality Description
	Raparapawai (Mana_5e)	Raparapawai Stream	From the confluence with the Manawatu River at approx. NZMS 260 T24:641-931 to source
Tiraumea (Mana_7)	Makuri (Mana_7d)	Makuri River and tributaries	From the confluence with the Tiraumea River at approx. NZMS 260 T24:568-771 to source
	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
Mangatainoka (Mana_8)		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
	Mangapapa (Mana_9b)	Mangapapa Stream	From the confluence with the Mangaatua Stream at approx. NZMS 260 T24:514-922 to approx. NZMS 260 T24:527-931
		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
Upper Gorge (Mana_9)	Upper Mangahao (Mana_9d)	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



Water Management Zone*	Sub-zone*	River^	Locality Description
		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
	Upper Pohangina (Mana_10b)	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
Middle Manawatu (Mana_10)		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
Lower Manawatu	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
(Mana_11)	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
Oroua (Mana_12)	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



Water Management Zone*	Sub-zone*	River^	Locality Description
	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
			From approx. NZMS 260 S23:294-088 to approx. NZMS 260 T23:307-111
	Makino	Makino Stream	From approx. NZMS 260 S23:279-058 to approx. NZMS 260 S23:286-069
	(Mana_12d)		From the confluence with the Oroua River at approx. NZMS 260 S23:243-005 to approx. NZMS 260 S23:259-037
Coastal Manawatu (Mana_13)	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
		Ecology Stream	From the confluence with the Rangitikei River at approx. NZMS 260 T20:691-176 to source
	Upper Rangitikei (Rang_1)	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
Upper Rangitikei		Waingakia Stream	From the confluence with the Rangitikei River at approx. NZMS 260 U20:715-053 to source
(Rang_1)		Oturua 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
Middle and Upper Rangitikei (Rang_1 and Rang_2)	Middle and Upper Rangitikei (Rang_1 and Rang_2a)	Rangitikei River	From the confluence with the Pokopoko Stream at approx. NZMS 260 U24:721-758 to source
Middle Rangitikei (Rang_2)	Middle Rangitikei (Rang_2a)	Mangaohane Stream	From the confluence with the Rangitikei River at approx. NZMS 260 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



Water Management Zone*	Sub-zone*	River^	Locality Description
		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	Waiouru Stream and tributaries	From the confluence with the Hautapu River at approx. NZMS 260 T21:410-838 to source
	(Rang_2f)	Unnamed Tributary of the Hautapu River	From the confluence with the Hautapu River at approx. NZMS 260 T21:407-810 to source
	Upper and Lower Hautapu (Rang_2f and Rang_2g)	Hautapu River	From the confluence with the Otaihape Stream at approx. NZMS 260 T21:506-656 to source
Lower Rangitikei	Lower Rangitikei (Rang_3a)	Mangamako Stream	From the confluence with the Rangitikei River at approx. NZMS 260 T22:389-415 to source
(Rang_3)	Makohine (Rang_3b)	Makohine Stream	From the confluence with the Rangitikei River at approx. NZMS 260 T22:390-440 to source
Coastal Rangitikei (Rang_4)	Porewa (Rang_4c)	Porewa Stream	From the confluence with the Rangitikei River at approx. NZMS 260 S23:191-215 to source
Upper Whanganui	Upper Whanganui	Whanganui River	From the confluence with the Whakapapa River at approx. NZMS 260 S19:188-495 to approx. NZMS 260 T19:358-411
(Whai_1)	(Whai_1)	Mangatepopo Stream	From the confluence with the Whanganui River at approx. NZMS 260 S19:289-405 to approx. NZMS 260 T19:308-360
Cherry Grove (Whai_2)	Cherry Grove (Whai_2a)	Whanganui River	From the confluence with the Pungapunga River at approx. NZMS 260 S18:124-544 to the confluence with the Whakapapa River at approx. NZMS 260 S19:188-495
	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



Water Management Zone*	Sub-zone*	River^	Locality Description
		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
	Upper Whakapapa (Whai_2b)	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
		Piopiotea Stream	From the confluence with the Whakapapa River at approx. NZMS 260 S19:174-356 to source
		Makaretu Stream	From the confluence with the Piopiotea Stream at approx. NZMS 260 S19:172-284 to source
	Piopiotea	Pukerimu Stream	From the confluence with the Piopiotea Stream at approx. NZMS 260 S19:168-285 to source
	(Whai_2d)	Tepure Stream	From the confluence with the Piopiotea 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
		Whangapuoto Stream	From the confluence with the Pungapunga River at approx. NZMS 260 S18:165-542 to source
	Upper Ongarue	Unnamed Tributary of the Ongarue River	From the confluence with the Ongarue River at approx. NZMS 260 S17:286-880 to source



Water Management Zone*	Sub-zone*	River^	Locality Description
	(Whai_2f)	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	From the confluence with the Mangakahu Stream at approx. NZMS 260 S18:087-736 to source
	Lower Ongarue (Whai_2g)	Mangakahu Stream	From the confluence with the Ongarue River at approx. NZMS 260 S18:087-736 to source
		Otataka Stream	From the confluence with the Mangakahu Stream at approx. NZMS 260 S18:182-701 to source
		Unnamed Tributary of the Taringamotu River	From the confluence with the Mangakahu Stream at approx. NZMS 260 S18:143-729 to source
		Kakimotu Stream	From the confluence with the Mangakahu Stream at approx. NZMS 260 S18:140-729 to source
		Uepango Stream	From the confluence with the Ongarue River at approx. NZMS 260 S18:053-683 to source
		Taringamotu River	From the confluence with the Ongarue River at approx. NZMS 260 S18:047-582 to source
		Unnamed Tributary of the Taringamotu River	From the confluence with the Taringamotu River at approx. NZMS 260 S18:243-631 to source
		Unnamed Tributary of the Taringamotu River	From the confluence with the Taringamotu River at approx. NZMS 260 S18:229-618 to source
		Tutaeti Stream	From the confluence with the Taringamotu River at approx. NZMS 260 S18:205-598 to source



Water Management Zone*	Sub-zone*	River^	Locality Description
		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
Middle Whanganui (Whai_4)	Retaruke (Whai_4d)	Retaruke River	From the confluence with the Kaitieke Stream at approx. NZMS 260 S19:041-326 to source
5	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
Pipiriki (Whai_5)	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
	Waitangi (Whau_1b)	Waitangi Stream and tributaries	From the confluence with the Whangaehu River at approx. NZMS 260 T21:315-888 to source
Upper Whangaehu		Omarae Stream	From the confluence with the Waitaiki Stream at approx. NZMS 260 S20:265-921 to source
(Whau_1)	Tokiahuru (Whau_1c)	Waitaiki Stream	From the confluence with the Tokiahuru Stream at approx. NZMS 260 S21:235-880 to approx. NZMS 260 S20:273-929
	(	Tokiahuru Stream	From the confluence with the Whangaehu River at approx. NZMS 260 S21:218-865 to approx. NZMS 260 T20:334-956
Lower Whangaehu (Whau_3)	Upper Makotuku, 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	Mangawhero River	From the confluence with the Makotuku River at approx. NZMS 260 S20:079-902 to source



Water Management Zone*	Sub-zone*	River^	Locality Description
	(Whau_3d)	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
	Upper Ohau (Ohau_1a)	Makahika Stream and tributaries	From the confluence with the Ohau River at approx. NZMS 260 S25:090-585 to source
Ohau River (Ohau_1)		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





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

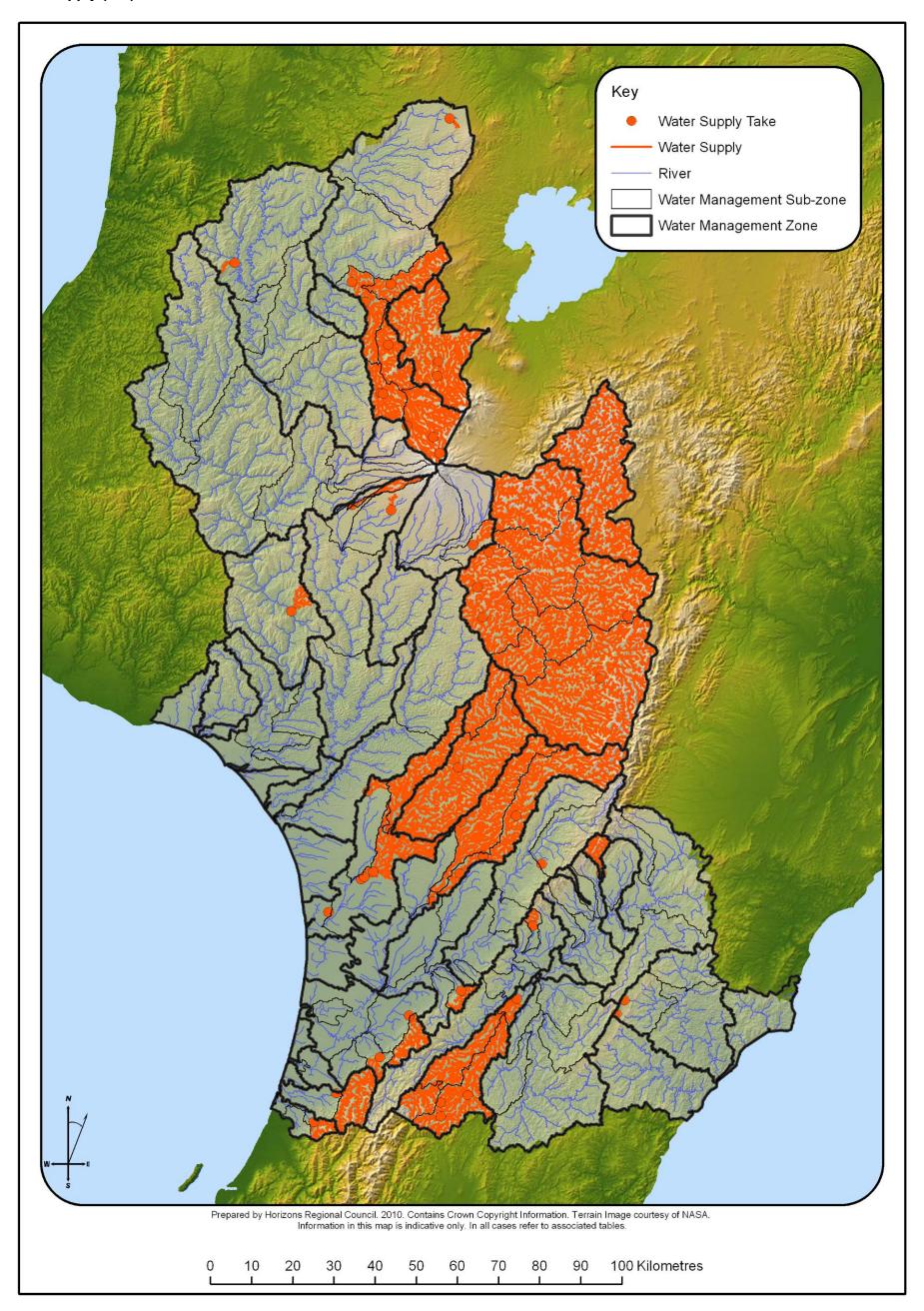


Figure B:10 Visual Guide to the Location of Existing Surface Water Takes for the Water Supply (WS) Value





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Table B.10: Water <sup>^</sup> Supply (WS) Value in the Region					
Water Management Zone*	Sub-zone*	River^	Description	Water^ Supply	
Upper Tamaki (Mana_3)	Upper Tamaki (Mana_3)	Tamaki River	Including all tributaries upstream of a point at approx. NZMS 260 U23:709-114	Dannevirke	
	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	
Mangatainoka (Mana_8)	Lower Mangatainoka (Mana_8c)	Mangatainoka River and tributaries	From a point at approx. NZMS 260 T24:504-808 to source	Pahiatua	
(Iviaria_o)	Makakahi (Mana_8d)		From the confluence with the Mangatainoka River at approx. NZMS 260 T24:475-775 to source	Pahiatua	
		Makakahi River and tributaries	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	
Upper Gorge (Mana-9)	Mangapapa (Mana_9b)	Mangapapa Stream and tributaries	From a point at approx. NZMS 260 T24:543-986 to source	Dannevirke	
Middle Manawatu (Mana_10)	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	
Lower Manawatu (Mana_11)	Turitea (Mana_11b)	Turitea Stream and tributaries	From a point at approx. NZMS 260 T25:368-827 to source	Palmerston North	



Oroua

(Mana\_12)

Upper Oroua

(Mana\_12a)

Oroua River and

tributaries

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From Almadale at approx. NZMS 260 T23:365-113 to source

From a point at approx. NZMS 260 T23:502-254 to source

From a point at approx. NZMS 260 T23:422-156 to source

Manawatu Beef

Packers

Kiwitea, Feilding,
Oroua No. 1 and

Manawatu Beef Packers Feilding, Oroua No. 1

and Manawatu Beef Packers

Water Management Zone*	Sub-zone*	River^	Description	Water^ Supply
			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	Kiwitea Stream and tributaries	From the confluence with the Oroua River at approx. NZMS 260 S24:167-826 to source	Manawatu Beef Packers
	(Mana_12d)	Kiwitea Stream and tributaries	From a point at approx. NZMS 260 T23:369-239 to source	Waituna West and Manawatu Beef Packers
Coastal Manawatu	Lower Tokomaru (Mana_13c)	Tokomaru River and tributaries	Including all tributaries upstream of a point at approx. NZMS 260 S24:242-767	Tokomaru
(Mana_13)			From a point at approx. NZMS 260 S25:170-665	Shannon
Upper Rangitikei (Rang_1)	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
Middle Rangitikei (Rang_2)	Middle Depositive:	Rangitikei River and tributaries	From Pukeokahu at approx. NZMS 260 U21:713-708 to source	Mangaweka, Hunterville, Halcombe-Stanway, Sanson, Bulls and Ohakea
Middle Rangitikei (Rang_2a)		Reporoa Stream and tributaries	From a point at approx. NZMS 260 U21:774-740	Erewhon rural, Mangaweka, Hunterville, Halcombe-Stanway, Sanson, Bulls and Ohakea



Water Management Zone*	Sub-zone*	River^	Description	Water^ Supply
	Pukeokahu - Mangaweka	Rangitikei River and tributaries	From Mangaweka at approx. NZMS 260 T22:504-513 to source	Mangaweka, Hunterville, Halcombe-Stanway, Sanson, Bulls and Ohakea
	(Rang_2b)	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
			From Taihape at approx. NZMS 260 T21:506-670 to source	Mangaweka, Hunterville, Halcombe-Stanway, Sanson, Bulls and Ohakea
	Upper Hautapu	Hautapu River	From a point at approx. NZMS 260 T21:407-811 to source	Irirangi, Taihape, Mangaweka, Hunterville, Halcombe-Stanway, Sanson, Lake Alice, Bulls and Ohakea
	(Rang_2f)		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



Water Management Zone*	Sub-zone*	River^	Description	Water^ Supply
	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
	Lower Rangitikei	Rangitikei River and	From Onepuhi at approx. NZMS 260 S23:201-222 to source	Halcombe-Stanway, Sanson, Bulls and Ohakea
Lower Rangitikei (Rang_3)	(Rang_3a)	tributaries	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
	Coastal Rangitikei (Rangi_4a)	e Randitikai Rivar	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
Coastal Rangitikei			From a point at approx. NZMS 260 S23:132-105 to source	Bulls and Ohakea
(Rang_4)			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	Marton
Upper Whanganui (Whai_1)	Upper Whanganui (Whai_1)	Whanganui River and tributaries	From the Whakapapa confluence at approx. NZMS 260 S19:189-499 to source	Piriaka and Taumarunui
		Mangatepopo Stream and tributaries	From a point at approx. NZMS 260 T19:313-361 to source	Taurewa Outdoor Pursuits Centre, Piriaka and Taumarunui



Water Management Zone*	Sub-zone*	River^	Description	Water^ Supply
		Tawahitikuri Stream and tributaries	From a point at approx. NZMS 260 T19:309-326 to source	Taurewa Camp, Piriaka and Taumarunui
	Cherry Grove (Whai_2a)	Whanganui River	From a point at approx. NZMS 260 S18:134-506 to source	Piriaka and Taumarunui
	(VVIIdi_Zd)		From a point at approx. NZMS 260 S18:102-556 to source	Taumarunui
		Whakapapa River and tributaries	From footbridge at approx. NZMS 260 S19:226-293 to source	Piriaka and Taumarunui
	Upper Whakapapa (Whai_2b)	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	National Park, Piriaka and Taumarunui
Cherry Grove	Lower Whakapapa (Whai_2c)	Whakapapa River	From the Whanganui confluence at approx. NZMS 260 S19:189-499 to source	Piriaka and Taumarunui
(Whai_2)		Deep Creek and tributaries	From a point at approx. NZMS 260 S19:190-402 to source	Owhango, Piriaka and Taumarunui
	Piopiotea (Whai_2d)	Piopiotea Stream  Makaretu Stream and tributaries	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
			From a point at approx. NZMS 260 S19:172-285 to source	Raurimu, Piriaka and Taumarunui
	Pungapunga	Pungapunga River	From the Whanganui confluence at approx. NZMS 260 S18:124-156 to source	Taumarunui
	(Whai_2e)	and tributaries	From a point at approx. NZMS 260 S18:197-550 to source	Ngapuke School
	Upper Ongarue (Whai_2f)	Whareana Stream and tributaries	From a point at approx. NZMS 260 T17:340-954 to source	Pureora
Middle Whanganui (Whai_4)	Upper Ohura (Whai_4b)	Mangaparare Stream and tributaries	From a point at approx. NZMS 260 R18:817-602 to source	Ohura
Paetawa (Whai_5)	Paetawa (Whai_5)	Motuaruhe Stream and tributaries	From a point at approx. NZMS 260 S21:955-752 to source	Matahiwi
Upper Whangaehu (Whau_1)	Waitangi (Whau_1b)	Waitangi Stream and tributaries	From a point at approx. NZMS 260 T20:397-914 to source	Waiouru Army Camp
Lower Whangaehu (Whau_3)	Upper Makotuku (Whau_3b)	Makotuku River and tributaries	From a point at approx. NZMS 260 S20:103-012 to source	Raetihi



Water Management Zone*	Sub-zone*	River^	Description	Water^ Supply
	Upper Mangawhero (Whau_3d)	Serpentine Stream and tributaries	From a point at approx. NZMS 260 S20:198-999 to source	Ohakune
Ohau	Upper Ohau (Ohau_1a)	Ohau River	From Rongomatane at approx. NZMS 260 S25:072-577 to source	Levin
(Ohau_1)	Lower Ohau (Ohau_1b)	Ohau River	From a point at approx. NZMS 260 S25:064-577 to source	Levin
Akitio (Akit_1)	Puketoi Range Stream and Waihi tributaries  (Akit_1c) Waipuehu Stream Tributary and tributaries	Stream and	From a point at approx. NZMS 260 U24:746-771 to source	Pongaroa
			From a point at approx. NZMS 260 U24:766-804 to source	Pongaroa
Waikawa (West_9)	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

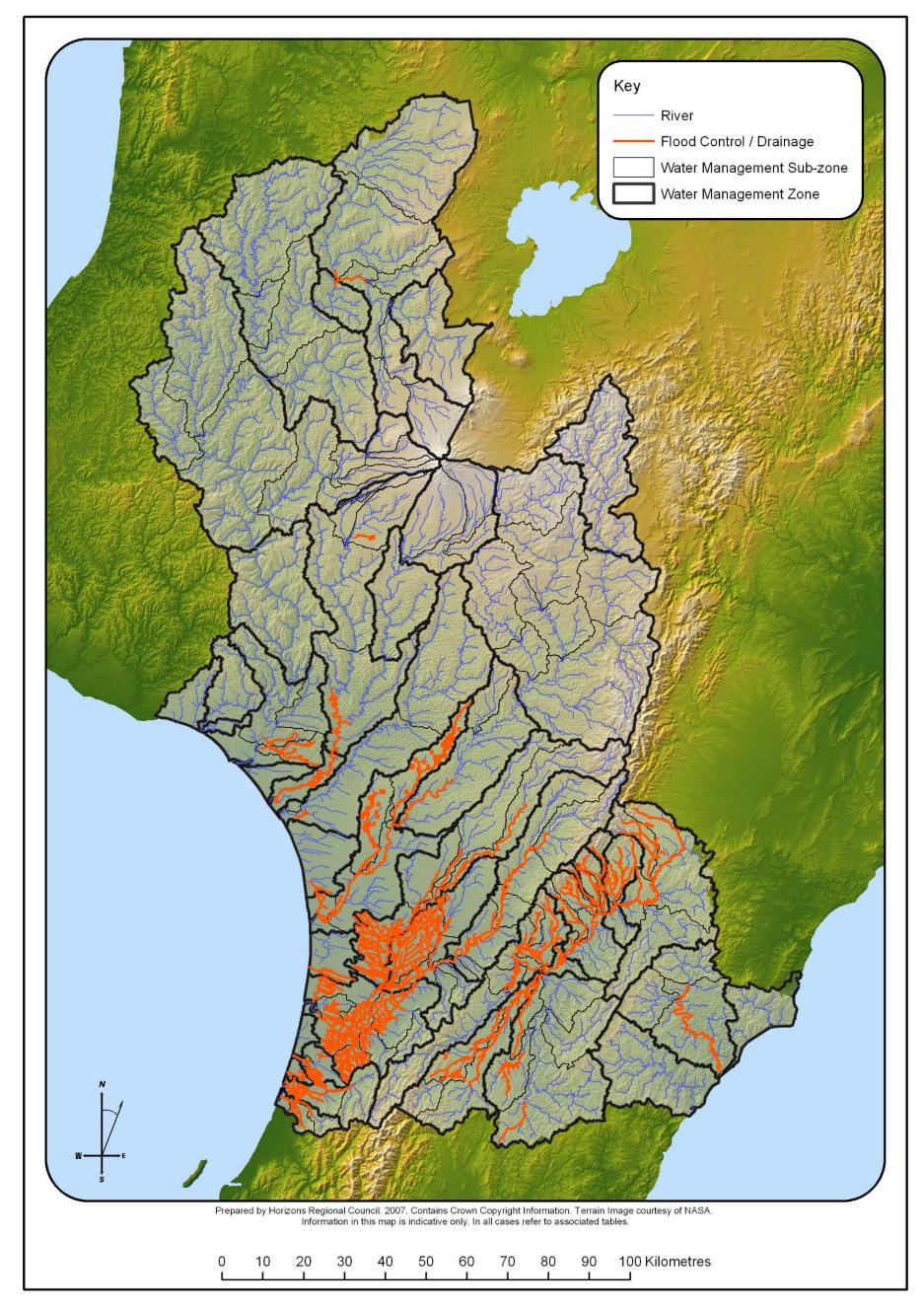


Figure B:11 Visual Guide to the Distribution of the Flood Control and Drainage (FC/D) Value





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

Water Management Zone*	Sub-zone*	River^	Locality Description	Common Name of Scheme
Upper Manawatu, Weber-Tamaki, Tamaki-Hopelands, Hopelands-Tiraumea, Upper Gorge (Mana_1, Mana_2, Mana_5, Mana_6, Mana_9)	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
		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
	Upper Manawatu (Mana_1a)	Makotuku Stream Tributary	At approx. NZMS 260 U23:844-171 to approx. NZMS 260 U23:840-190	South East Ruahine
Upper Manawatu (Mana_1)		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	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
	(Mana_1b)	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
Weber-Tamaki	Mangatera	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
(Mana_2)	(Mana_2b)	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
Weber-Tamaki (Mana_2)	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



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
Upper Kumeti, Tamaki-Hopelands (Mana_4 and Mana_5)	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
Tamaki-Hopelands (Mana_5)	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
		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



Water Management Zone*	Sub-zone*	River^	Locality Description	Common Name of Scheme
		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	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
	(Mana_5c)	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	South East Ruahine
	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
		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



Water Management Zone*	Sub-zone*	River^	Locality Description	Common Name of Scheme
		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 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 (Mana_5e)	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
Upper Gorge (Mana_9)	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
Upper Gorge (Mana_9)	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



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 T24:542-896 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
		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
Upper Gorge (Mana_9)	Mangaatua (Mana_9c)	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
(wana_ <i>1</i> )	(мапа_9с)	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



Water Management Zone*	Sub-zone*	River^	Locality Description	Common Name of Scheme
		Murphy Drain 29	At approx. NZMS 260 T24:600-885 to approx. NZMS 260 T24:607-896	Upper Manawatu
Hopelands-Tiraumea	Hopelands-Tiraumea (Mana 6)	Jackson and Murphy Drain 28	At approx. NZMS 260 T24:600-889 to approx. NZMS 260 T24:588-921	Upper Manawatu, South East Ruahine
(Mana_6)	Tropolarius Triaumoa (wana_o)	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
Tiraumea (Mana_7)	Upper Tiraumea (Mana_7a)	Ihuraua River	At approx. NZMS 260 T25:516-547 to approx. NZMS 260 T25:453-450	Ihuraua
Tiraumea (Mana_7)	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
		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
		Cattle Creek Drain 10a	At approx. NZMS 260 T25:479-635 to approx. NZMS 260 T25:479-614	Mangaone-Tawataia



Water Management Zone*	Sub-zone*	River^	Locality Description	Common Name of Scheme
		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
Tiraumea	Mangaramarama	Mangaramarama Creek	From confluence with the Tiraumea River at approx. NZMS 260 T24:557-854 to approx. NZMS 260 T25:485-657	Mangatainoka
(Mana_7)	(Mana_7e)	Greaves - Eames Drain	From confluence with the Mangaramarama Creek at approx. NZMS 260 T24:524-790 to approx. NZMS 260 T24:528-782	Mangatainoka
Tiraumea Mangatainoka (Mana_7, Mana_8)	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
Mangatainoka (Mana_8)	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
		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



Water Management Zone*	Sub-zone*	River^	Locality Description	Common Name of Scheme
		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
		Kakariki Drains (part)	From confluence with the Mangaraupiu Stream at approx. NZMS 260 T25:326-660 to source	Mangatainoka
	Middle Mangatainoka (Mana_8b)	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 (Mana_8)		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
Mangatainoka (Mana_8)	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
(1010110_0)	(wana_ou)	Westella-Hansen Drain	At approx. NZMS 260 T25:370-600 to source	Mangatainoka
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



Water Management Zone*	Sub-zone*	River^	Locality Description	Common Name of Scheme
		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
	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
	(wana_55)	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
Upper Gorge (Mana_9)	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	Middle Manawatu	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
(Mana_10)		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
	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



Water Management Zone*	Sub-zone*	River^	Locality Description	Common Name of Scheme
		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
	Middle Pohangina (Mana_10c)	Tokeawa stream	From confluence with the Pohangina River at approx. NZMS 260 T23:475-085 to approx. NZMS 260 T23:481-085	Pohangina Oroua
	Wildlie i Griangina (Wana_100)	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
	Lower Pohangina (Mana_10d)	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
		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
Middle Manawatu	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
(Mana_10)	Lower Pohangina (Mana_10d)	McDonald Drain (drain G)	From confluence with the Pohangina River at approx. NZMS 260 T23:466-062 to source	Pohangina Oroua
Middle, Lower and Coastal, Manawatu	Middle, Lower and Coastal Manawatu (Mana_10a, Mana_11a and Mana_13a)	Manawatu River	From the cross-river CMA boundary at approx. NZMS 260 S24:009-766 to the confluence with the Pohangina River at approx. NZMS 260 T24:449-965	Lower Manawatu
Lower Manawatu (Mana_11)	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



Water Management Zone*	Sub-zone*	River^	Locality Description	Common Name of Scheme
		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
Lower Manawatu (Mana_11)	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
		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
	Upper Mangaone Stream (Mana_11d)	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



Water Management Zone*	Sub-zone*	River^	Locality Description	Common Name of Scheme
	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
	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
Oroua (Mana_12)	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	Oroua River Tributary	At approx. NZMS 260 S24:149-846 to source	Te Kawau
	(Mana_12c)	Blackmoor Drain	At approx. NZMS 260 S24:166-829 to source	Lower Manawatu
Oroua (Mana_12)	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
(iviaria_12)	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
Oroua, Coastal Rangitikei (Mana_12, Rang_4)	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
Coastal Manawatu (Mana_13)	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
		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



Water Management Zone*	Sub-zone*	River^	Locality Description	Common Name of Scheme
		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
Coastal Manawatu (Mana_13)		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
	Coastal Manawatu	Funells No.1 Drain	At approx. NZMS 260 S24:143-804 to approx. NZMS 260 S24:143-803	Lower Manawatu
	Coastai Manawatu (Mana_13a)	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
	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



Water Management Zone*	Sub-zone*	River^	Locality Description	Common Name of Scheme
		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
		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
	Lower Tokomaru (Mana_13c)	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
Coastal Manawatu (Mana_13)	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
	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	Manawatu River Tributary (drains)	From confluence with the Foxton Loop (Manawatu River) at approx. NZMS 260 S24:032-783 to source	Foxton East
	(Mana_13f)	Manawatu River Tributary (drains)	From confluence with Foxton Loop (Manawatu River) at approx. NZMS 260 S24:024-771 to source	Whirikino
Lower and Coastal Rangitikei (Rang_3, Rang_4)	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
Coastal Rangitikei (Rang_4)	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



Water Management Zone*	Sub-zone*	River^	Locality Description	Common Name of Scheme
İ	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	Forest Road Wetland Tributary	From approx. NZMS 260 S23:018-034 to source	Forest Road
	(Rang_4b)	Forest Road Wetland Tributary	From approx. NZMS 260 S23:022-036 to source	Forest Road
		Parewanui Drains (part)	From confluence with the Rangitikei River at approx. NZMS 260 S23:010-001 to source	Rangitikei
	Tidal Rangitikei	Parewanui Drains (part)	From confluence with the Rangitikei River at approx. NZMS 260 S24:014-996 to source	Rangitikei
	(Rang_4b)	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
Coastal Rangitikei (Rang_4)	Porewa	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
	(Rang_4c)	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
Coastal Rangitikei (Rang_4)	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



Water Management Zone*	Sub-zone*	River^	Locality Description	Common Name of Scheme
		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
		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
Coastal Rangitikei (Rang_4)	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



Water Management Zone*	Sub-zone*	River^	Locality Description	Common Name of Scheme
		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 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
	Tutaenui (Rang_4d)	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
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



Water Management Zone*	Sub-zone*	River^	Locality Description	Common Name of Scheme
		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
		Tutaenui Scheme Detention Dam W3	100 metres upstream and downstream of approx. NZMS 260 S23:119-248	Tutaenui
		Tutaenui Scheme Detention Dam W4	100 metres upstream and downstream of approx. NZMS 260 S23:126-247	Tutaenui
Coastal Rangitikei	Tutaenui	Tutaenui Scheme Detention Dam W5	100 metres upstream and downstream of approx. NZMS 260 S23:130-259	Tutaenui
(Rang_4)	(Rang_4d)	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
Cherry Grove, Te Maire (Whai_2, Whai_3)	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
Cherry Grove (Whai_2)	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



Water Management Zone*	Sub-zone*	River^	Locality Description	Common Name of Scheme
		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
	Lower Whanganui (Whai_7a)	Mangamoku Stream	From confluence with the Mateongaonga Stream at approx. NZMS 260 S22:937-430 to source	Matarawa
Lower Whanganui (Whai_7)	(vviiai_/a)	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
		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
Lower Whanganui (Whai 7)	Matarawa (Whai 7d)	Railway Drain	At approx. NZMS 260 S22:917-399 to approx. NZMS 260 S22:924-394	Matarawa
(witai_r)	(wilai_ru)	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
Lower and Coastal Whangaehu (Whau_3, Whau_4)	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
Lower Whangaehu (Whau_3)	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



Water Management Zone*	Sub-zone*	River^ Locality Description		Common Name of Scheme
		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
Coastal Whangaehu (Whau_4)	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
Coastal Whangaehu	Coastal Whangaehu	Whangaehu River Tributary and drains	From confluence with the Whangaehu River at approx. NZMS 260 S22:006-338 to source	Haunui
(Whau_4)	(Whau_4)	Whangaehu River Tributary and drains	From confluence with the Whangaehu River at approx. NZMS 260 S22:009-341 to source	Haunui
Turakina	Lower Turakina	Makirikiri Stream	From confluence with the Turakina River at approx. NZMS 260 S23:955-245 to approx. NZMS 260 S23:985-250	Makirikiri
(Tura_1)	(Tura_1)	Makirikiri Stream Tributary (drain/spillway)	From confluence with the Makirikiri Steam Tributary at approx. NZMS 260 S23:981-247 to confluence with Makirikiri Stream at approx. NZMS 260 S23:983-250	Makirikiri
	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
	Lower Ohau	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
Ohau (Ohau_1)		Kuku Stream	From confluence with the Ohau River at approx. NZMS 260 S25:947-578 to approx. NZMS 260 S25:022-547	Ohau Manakau
	(Ohau_1a)	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



Water Management Zone*	Sub-zone*	River^	Locality Description	Common Name of Scheme
		Parkin Drain and tributaries	From confluence with the Ohau River at approx. NZMS 260 S25:960-582 to source	Ohau Manakau
Ohau	Lower Ohau	Burnell Drain and tributaries	From confluence with the Ohau River at approx. NZMS 260 S25:963-585 to source	Ohau Manakau
(Ohau_1)	(Ohau_1a)	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
	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
Akitio		Akitio River Tributary	From confluence with the Akitio River at approx. NZMS 260 U24:955-705 to approx. NZMS 260 U24:955-702	Akitio
(Akit_1)		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
		Waihoro Stream	From confluence with the Akitio River at approx. NZMS 260 U24:907-722 to approx. NZMS 260 U24:906-723	Akitio
		Rakaupuhipuhi Stream	From confluence with the Akitio River at approx. NZMS 260 U24:913-762 to approx. NZMS 260 U24:914-763	Akitio
Akitio (Akit_1)	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



Water Management Zone*	Sub-zone*	River^	Locality Description	Common Name of Scheme
		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
Southern Whanganui Lakes (West_5)	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
Northern Manawatu Lakes (West_6)	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
Lake Papaitonga (West_7)	Lake Papaitonga (West_7)	Waiwiri Stream and Lake Papaitonga	From approx. NZMS 260 S25:935-620 to source	Ohau/Manakau
		Waikawa Stream	From approx. NZMS 260 S25:921-561 to approx. NZMS 260 S25:994-519	Ohau/Manakau
Waikawa (West_9)	Waikawa (West_9a)	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
Waikawa (West_9)	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



Water Management Zone*	Sub-zone*	River^ Locality Description		Common Name of Scheme
		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
	Lake Horowhenua, Hokio (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		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
(Hoki_1)	Lake Horowhenua	Lake Horowhenua Tributary (drain)	From confluence with Lake Horowhenua at approx. NZMS 260 S25:996-628 to source	Hokio
	(Hoki_1a)	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
Lake Horowhenua, Ohau (Hoki_1, Ohau_1)	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
	Lower Ohau	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
Lake Horowhenua,		Painua drains and tributaries	From confluence with Arawhata Drain at approx. NZMS 260 S25:996-622 to source	Hokio
Ohau (Hoki_1, Ohau_1)		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







Figure B:12 Visual Guide to the Distribution of the Amenity (AM) Value





Table B.12: Amenity (AM) Value in the Region

Water Management – Zone*	Sub zone*	Site	Description
Upper Manawatu	Upper Manawatu	Manawatu River at Maunga Road	At approx. NZMS 260 U23:830-079
Opper iviariawatu	Opper Manawatu	Manawatu River at Weber Road	At approx. NZMS 260 U23:749-026
Hopelands-	Hopelands-Tiraumea	Manawatu River at Kumeroa (Little Road)	At approx. NZMS 260 T24:636-923
Tiraumea	порејаниѕ-тнаитнеа	Manawatu River at Hopelands Domain (River Road)	At approx. NZMS 260 T24:613-895
	Lower Mangatainoka	Mangatainoka River	From approx. NZMS 260 T24:503-806 to approx. T24:500-802
Mangatainoka	Lower Mangatamoka	Mangatainoka River at SH2 Reserve	At approx. NZMS 260 T24:528-832
	Makakahi	Makakahi River at Bridge Street Eketahuna	At approx. NZMS 260 T25:383-588
Upper Gorge	Upper Mangahao	Mangahao River at Marima Domain	At approx. NZMS 260 T24:398-745
	Middle Manawatu	Manawatu River at Ashhurst Domain	At approx. NZMS 260 T24:445-964
Middle Manawatu	Middle Mariawatu	Manawatu River at Albert Street	At approx. NZMS 260 T24:342-891
Middle Mariawatu —	Middle Debangine	Pohangina River at Totara Reserve	At approx. NZMS 260 T23:533-168
	Middle Pohangina	Pohangina River at Raumai Reserve	At approx. NZMS 260 T23:474-072
Middle and Lower Manawatu	Middle and Lower Manawatu	Manawatu River	From approx. NZMS 260 S24:291-872 to approx. T24:353-919
	Turitea	Tiritea Stream	From approx. NZMS 260 T24:316-882 to approx. NZMS 260 T24:334-869
Lower Manawatu	Kahuterawa	Kahuterawa Stream at Reserve	At approx. NZMS 260 T24:322-810
Lower Manawalu	Ranulerawa	Kahuterawa Stream at Camp Kilsby	At approx. NZMS 260 T24:316-824
	Lower Mangaone	Mangaone Stream	From approx. NZMS 260 T24:313-954 to the point immediately upstream of the bridge at approx. NZMS 260 S24:286-877
		Oroua River at Londons Ford	At approx. NZMS 260 T23:502-254
	Upper Oroua	Oroua River at Bartletts Ford	At approx. NZMS 260 T23:490-226
		Oroua River at Almadale	At approx. NZMS 260 T23:362-113
		Oroua River at Timona Park	At approx. NZMS 260 S23:299-064
Oroua	Middle Oroua	Oroua River	From approx. NZMS 260 S24:293-043 to confluence with the Kiwitea Stream at approx. NZMS 260 T23:308-066
	Kiwitea	Kiwitea Stream	From confluence with the Oroua River at approx. NZMS 260 T23:308-066 to approx. NZMS 260 T23:311-075
	Makino	Makino Stream	From approx. NZMS 260 S23:276-053 to the intersection with Roots Street at approx. NZMS 260 S23:289-082
Coastal Manawatu Coastal Manawatu		Foxton Beach	At approx. NZMS 260 S24:978-806
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Water Management Zone*	Sub zone*	Site	Description
		Tokomaru River Bank Reserve (SH57)	At approx. NZMS 260 S24:222-770
	Foxton Loop	Foxton Loop Reserve	From approx. NZMS 260 S24:031-783 to approx. NZMS 260 S24:027-796
		Foxton Loop Reserve	At approx. NZMS 260 S24:033-785
	Pukeokahu – Mangaweka	Rangitikei River upstream Hautapu Confluence (Toe Toe Rd)	At approx. NZMS 260 T22:531-573
Middle Rangitikei	Upper and Lower Hautapu	Hautapu River	From the confluence with the Otaihape Stream at approx. NZMS 260 T21:507-656 to approx. T21:502-671
		Hautapu River at Papakai Park/Spooner's Hill	At approx. NZMS 260 T21:505-670
	Lower Hautapu	Otaihape Stream	From confluence with the Hautapu River at approx. NZMS 260 T21:507-656 to approx. T21:492-652
		Rangitikei River at Mangaweka	At approx. NZMS 260 T22:503-513
Lower Rangitikei	Lower Rangitikei	Rangitikei River at Vinegar Hill	At approx. NZMS 260 T22:358-379
		Rangitikei at Makino Rd/Rue Rue Rd	At approx. NZMS 260 S23:213-226
Coastal Rangitikei	Tidal Rangitikei	Holben Reserve	At approx. NZMS 260 S24:989-997
Coastal Kallyllikei	Tutaenui	Tutaenui Stream	From approx. NZMS 260 S23:133-209 to approx. S23:133-252
		Whanganui River at Manunui	At approx. NZMS 260 S18:104-556
	Cherry Grove	Whanganui River at Cherry Grove	At approx. NZMS 260 S18:057-545
	Onchy Glove	Whanganui River	From Confluence with the Ongarue River at approx. NZMS 260 S18:055-544 to approx. S18:100-554
Cherry Grove	Lower Whakapapa	Whakapapa River at Owhango	At approx. NZMS 260 S19:178-426
	Lower Ongarue	Ongarue River at various swimming holes at Taringamotu	At approx. NZMS 260 S18:057-546
	Lower Origanue	Ongarue River	From Confluence with the Whanganui River at approx. NZMS 260 S18:055-544 to approx. S18:043-575
Pipiriki	Lower Manganui o te Ao	Manganui o te Ao River at Ruatiti	At approx. NZMS 260 S20:996-079
	Lower Whanganui	Whanganui River at Mosquito Point	At approx. NZMS 260 S22:902-473
Lower Whanganui	Lower and Coastal Whanganui	Whanganui River	From River Mouth to approx. NZMS 260 R22:888-434
	Coastal Whanganui	Castlecliff Beach	At approx. NZMS 260 R22:788-388
	Matarawa	Matarawa Stream	From Confluence with the Whanganui River at approx. NZMS 260 R22:857-397 to approx. R22:872-408
Lower Whangaehu	Upper Mangawhero	Mangawhero River	From approx. NZMS 260 S20:156-963 to approx. S20:178-976
Coastal Whangaehu	Coastal Whangaehu	Whangaehu Beach	At approx. NZMS 260 R23:893-269
Lower Turakina	Lower Turakina	Turakina Beach – Koitiata	At approx. NZMS 260 S23:921-234



Water Management Zone*	Sub zone*	Site	Description
		Ohau River at Kimberley Reserve	At approx. NZMS 260 S25:059-574
Ohau	Lower Ohau	Ohau River at Kirkcaldies Bridge Reserve	At approx. NZMS 260 S25:027-567
Ollau	Lower Orlan	Ohau River at Gladstone Reserve	At approx. NZMS 260 S25:076-577
		Ohau River at Parikawau Reserve	At approx. NZMS 260 S25:994-553
East Coast	East Coast	Herbertville Beach	At approx. NZMS 260 V24:103-719
Akitio	Lower Akitio	Akitio River	At approx. NZMS 260 U25:991-611
AKILIO	Lowel Akillo	Akitio Beach	At approx. NZMS 260 U25:989-597
		Ototoka Stream at William Birch Pool	At approx. NZMS 260 R22:676-519
Northern Coastal	Northern Coastal	Ototoka Stream	At approx. NZMS 260 R22:666-471
		Ototoka Beach	At approx. NZMS 260 R22:667-471
	Kai lwi	Kai lwi Stream	At approx. NZMS 260 R22:723-451
Kai Iwi		Kai lwi Beach	At approx. NZMS 260 R22:725-448
Mowhanau	Mowhanau	Mowhanau Stream	At approx. NZMS 260 R22:726-448
W 21 1 1 1	17.71	Lake Wiritoa	At approx. NZMS 260 R22:882-344
Kaitoke Lakes	Kaitoke Lakes	South Beach	At approx. NZMS 260 R22:882-344
Southern Wanganui Lakes	Southern Wanganui Lakes	Lake Dudding	At approx. NZMS 260 S23:045-203
Northern Manawatu	Nambara Maranata Lalaa	Kaikokupu Stream at Himatangi Beach	At approx. NZMS 260 S24:993-905
Lakes	Northern Manawatu Lakes	Himatangi Beach	At approx. NZMS 260 S24:991-905
NA/	VAL-11	Waitarere Beach	At approx. NZMS 260 S24:958-701
Waitarere	Waitarere	Wairarawa Stream at Waitarere Beach	At approx. NZMS 260 S24:959-709
Waikawa	Waikawa	Waikawa Stream @ Hank Edwards Reserve	At approx. NZMS 260 S25:915-553
Lake Horowhenua	Hokio	Hokio Stream @ Hokio Beach	At approx. NZMS 260 S25:949-657





### **Domestic Food Supply (DFS) Value**

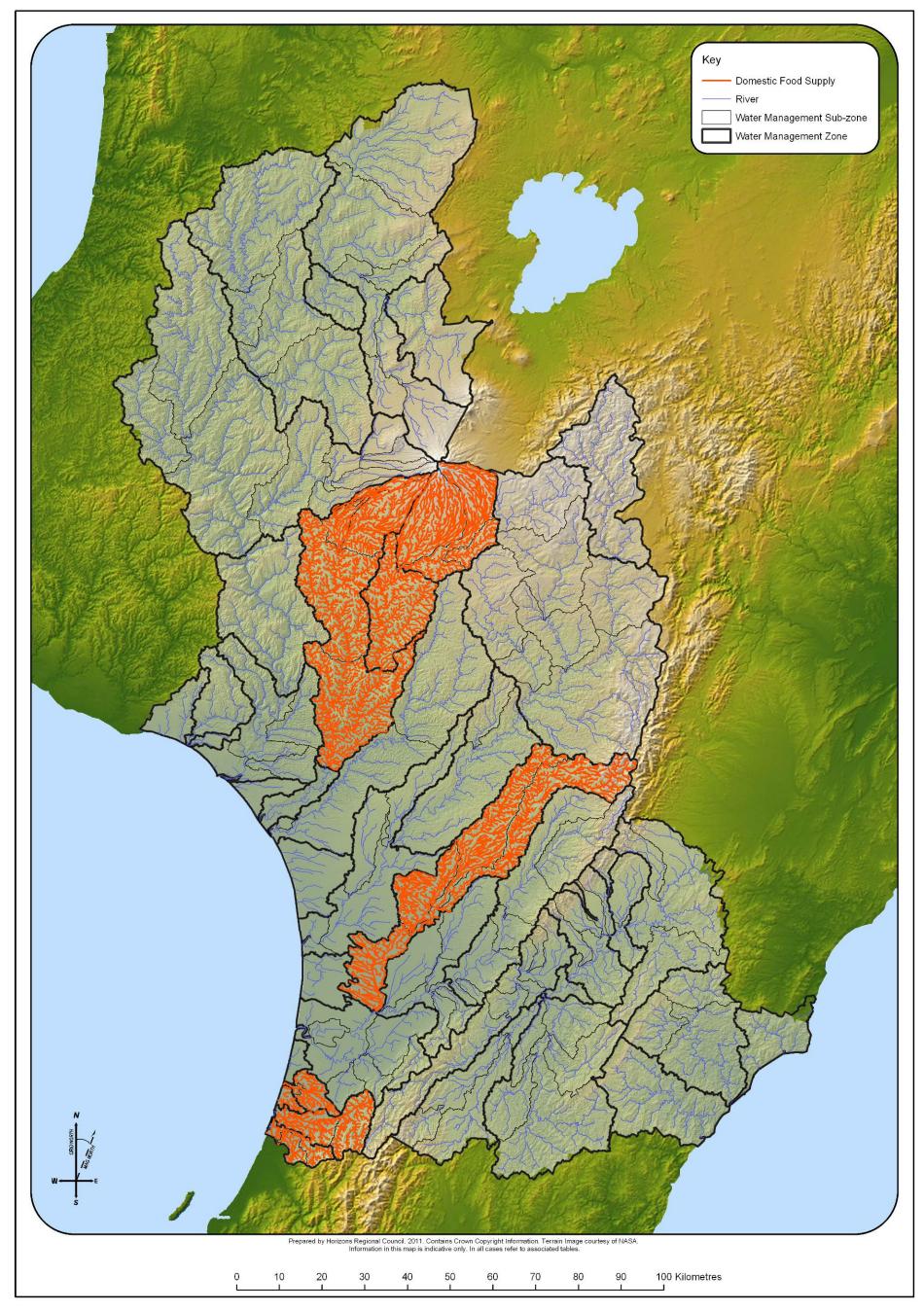


Figure B:13 Visual Guide to the Distribution of Domestic Food Supply (DFS) Value





Table B.13: Domestic Food Supply (DFS) Value in the Region

Water Management Zone*	Sub-zone*	River^	Description	Domestic Food Supply Value
Oroua (Mana_12)	Upper, Middle and Lower Oroua and Kiwitea and Makino (Mana_12a, Mana_12b, Mana_12c, Mana_12d and Mana_12e)	Oroua River and tributaries	From Manawatu River confluence at approx. NZMS 260 S24:167-826 to source	Seed potato production
Upper Whangaehu (Whau_1)	Upper Whangaehu, Waitangi and Tokiahuru (Whau_1a, Whau_1b and Whau_1c)	Whangaehu River and tributaries	From Karioi at approx. NZMS 260 S21:218-864 to source	Vegetable production
Middle Whangaehu (Whau_2)	Middle Whangaehu (Whau_2)	Whangaehu River and tributaries	From Aranui at approx. NZSM 260 S21:175-627 to Karioi at approx. NZSM 260 S21:218-864	Vegetable production
Lower Whangaehu (Whau_3)	Lower Whangaehu, Upper and Lower Makotuku, Upper and Lower Mangawhero , and Makara (Whau_3a, Whau_3b, Whau_3c, Whau_3d, Whau_3e and Whau_3f)	Whangaehu River and tributaries	From Kauangaroa at approx. NZMS 260 S22:045-397 to Aranui at approx. NZSM 260 S21:175-627	Vegetable production
Ohau (Ohau_1)	Upper and Lower Ohau (Ohau_1a and Ohau_1b)	Ohau River and triburaries	From approx. NZMS 260 S25:918-578 to source (excluding the mainstem of the Ohau River from the cross-river CMA boundary at NZMS 260 S25:2692921-6059503 seawards)	Vegetable production
Lake Papaitonga (West_8)	Lake Papaitonga (West_8)	Lake Papaitonga and tributaries and Waiwiri Stream	Lake Papaitonga catchment and Waiwiri Stream	Vegetable production
Waikawa (West_9)	Waikawa and Manakau (West_9a and West_9b)	Waikawa Stream and tributaries	From approx. NZMS 260 S25:908-548 to source (excluding the mainstem of the Waikawa Stream from the cross-river CMA boundary at NZMS 260 S25:2691531-6055429 seawards)	Vegetable production
Lake Horowhenua (Hoki_1)	Lake Horowhenua (Hoki_1a)	Lake Horowhenua and tributaries and Hokio Stream	Lake Horowhenua Catchment and Hokio Stream (ecluding the mainstem of the Hokio Stream from the cross-river CMA boundary at NZMS 260 S25:2694967-6065799 seawards).	Vegetable production





# Part B.3: Surface *Water*^ Management Values Key: showing the management objectives, where the Values apply and where to find them in Schedule B

Value Group		Individual Values	Management Objective	Where it applies	Location in Schedule B
Group	NS	Natural State	The <i>river</i> ^ and its <i>bed</i> ^ are maintained in their natural state	Public Conservation Land	Figure B:2 page B-17 and Table B.2 page B-19
	LSC	Life-supporting Capacity	The water body^ and its bed^ support healthy aquatic life/ecosystems	All natural water bodies^ and their beds^ (8 LSC classes)	Figure B:1 page B-15
Ecosystem	SOS-A	Sites of Significance - Aquatic	Sites of significance for indigenous aquatic biodiversity are maintained or enhanced	Specified sites/reaches	Figure B:3 page B-21 and Table B.3 pages B-23 to B-32
Values	SOS-R	Sites of Significance - Riparian	Sites of significance for indigenous riparian biodiversity are maintained or enhanced	Specified sites/reaches	Figure B:4 page B-33 and Table B.4 pages B-35 to B-37
	IS	Inanga Spawning	The water body <sup>h</sup> and its bed <sup>h</sup> sustain healthy inanga spawning and egg development	Specified sites/reaches	Figure B:5 page B-39 and Table B.5 pages B-41 to B-42
	WM	Whitebait* Migration	The water body* and its bed* are maintained or enhanced to provide safe passage of inwardly migrating juvenile native fish known collectively as whitebait*	Specified sites/reaches	Figure B:6 page B-43 and Table B.6 pages B-45 to B-46
	CR	Contact Recreation	The water body^ and its bed^ are suitable for contact recreation	All natural water bodies <sup>^</sup> and their beds <sup>^</sup>	
	AM	Amenity	The amenity values of the <i>water body</i> ^ and its <i>bed</i> ^ (and its margins where in public ownership) are maintained or enhanced	Specified sites/reaches	Figure B:12 page B-107 and Table B.12 pages B-109 to B-111
	Mau	Mauri*	The maurt of the water body and its bed is maintained or enhanced	All natural water bodies^ and their beds^	
Recreational and Cultural	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 B:7 page B-47 and Table B.7 page B-49
Values	TF	Trout Fishery	The water body^ and its bed^ sustain healthy rainbow or brown trout fisheries	Specified zones/reaches (3 categories)	Figure B:8 page B-51 and Table B.8 pages B-53 to B-59
	TS	Trout Spawning	The water body^ and its bed^ meet the requirements of rainbow and brown trout spawning and larval and fry development	Specified sites/reaches	Figure B:9 page B-61 and Table B.9 pages B-63 to B-71
	AE	Aesthetics	The aesthetic values of the <i>water body</i> and its <i>bed</i> are maintained or enhanced	All natural water bodies^ and their beds^	
	WS	Water^ Supply	The water is suitable, after treatment, as a drinking water source for human consumption	Catchments above surface water^ takes for community water^ supply	Figure B:10 page B-73 and Table B.10 pages B-75 to B-80
<i>Water</i> ^ Use	IA	Industrial Abstraction	The water is suitable as a water source for industrial abstraction or use, including for hydroelectricity generation	All natural water bodies^ except those classified as NS and those identified as zero allocation Water Management Zones* or Sub-zones* (other than the Upper Moawhango (Rang 2c) Water Management Sub-Zone) in Schedule B	
	I	Irrigation	The water is suitable as a water 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 is suitable as a supply of drinking water for livestock	All water bodies including artificial	
	DFS	Domestic Food Supply	The water is suitable for domestic food production	Specified water management sub-zones* West_8, West_9, Hoki_1, Ohau_1, Whau_1, Whau_2, Whau_3 and Mana_12	Figure B:13 page B-113 and Table B.13 page B-115
	CAP	Capacity to Assimilate Pollution	The capacity of a <i>water body</i> ^ and its <i>bed</i> ^ to assimilate pollution is not exceeded	All natural water bodies^ and their beds^ except NS	
Social/ Economic	FC/D	Flood Control and Drainage	The integrity of existing flood and <i>river</i> ^ bank erosion protection <i>structures</i> ^ and existing drainage <i>structures</i> ^ is not compromised and the risks associated with flooding and erosion are managed sustainably		Figure B:11 page B-81 and Table B.11 pages B-83 to B-105
Values	EI	Existing <i>Infrastructure</i> <sup>A</sup>	The integrity of existing <i>infrastructure</i> ^ is not compromised	This applies in the general vicinity of any existing infrastructure^ such as roads, culverts, bridges, water^ intakes, discharge^ pipes, flow recording stations and gas pipelines	

## Surface Water^ Management Values Classification Sub-code Key

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



