

PART Ba2: SURFACE WATER^ MANAGEMENT VALUES:

PART Ba2.1: Surface Water Management Values listed by Sub-zone

USER NOTE: To help with interpretation of these tables, including table headings, please turn to the back of this section and fold out the A3 **VALUES KEY** and view together with the tables and maps in this section. ¹

Table D.1: List of values, management objectives, and indication as to where they apply

Table D.2: Values By Zone in the Manawatu-Wanganui Region

Legend:

Table Headings: **WQS:** Water Quality Standard; **LSC:** Life Supporting Capacity; **CR:** Contact Recreation; **Am:** Amenity; **SG:** Shellfish Gathering; **Mau:** Mauri; **TF:** Trout Fishery; **SW:** Stockwater; **NS:** Natural State; **SoS-A:** Sites of Significance for Aquatic biodiversity; **SoS-R:** Sites of Significance for Riparian biodiversity; **Ae:** Aesthetics; **NFS:** Native Fish Spawning; **NF:** Native Fishery; **SoS-C:** Sites of Significance for Cultural value; **TS:** Trout Spawning; **CAP:** Capacity to Assimilate Pollution; **WS:** Water Supply; **IA:** Industrial Abstraction; **I:** Irrigation.

Key for LSC Classes: **UHS:** Upland Hard Sedimentary, **UVA:** Upland Volcanic Acidic, **UVM:** Upland Volcanic Mixed, **UL:** Upland Limestone, **HM:** Hill Mixed, **LM:** Lowland Mixed, **LS:** Lowland Sand

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

Table Ba10: Water Management Values by Sub-zone in the Manawatu- Wanganui Region

Management Zone	Sub-zone	Sub-zone Description*	Zone Wide Values										Site/Reach Specific Values										
			LSC	CR	SG	Mau	WS ³	IA ⁴	I ⁵	SW	EI	CAP ⁶	NS	SoS A	SoS R	Ae	NFS IS	AM ⁷	NF WM	SoS C	TF ⁸	TS	D/FC
Upper Manawatu (Mana_1)	Upper Manawatu (Mana_1a)	Manawatu River – source to from Weber Road at approx. NZMS 260 (U23:751-027) to source	HM	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓				✓			II	✓	✓

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

Footnotes to Hearing Panel

² Note to the Hearing Panel: This key is conceptualised but has not been fully designed to work as it would in the plan as yet

³ WS has moved from the Site/Reach Specific Values column to the Zone Wide Values column per Table 12 of S42A report of Maree Clark.

⁴ IA has moved from the Site/Reach Specific Values column to the Zone wide values column per Table 12 of S42A report of Maree Clark.

⁵ I has moved from the Site/Reach Specific Values column to the Zone wide values column per Table 12 of S42A report of Maree Clark.

⁶ CAP has moved from the Site/Reach Specific Values column to the Zone Wide Values column per Table 12 of S42A report of Maree Clark.

⁷ AM has moved from the Zone Wide Values column to the Site/Reach Specific Values column per Table 12 of S42A report of Maree Clark.

⁸ TF has moved from the Zone Wide Values column to the Site/Reach Specific Values column per Table 12 of S42A report of Maree Clark.

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Management Zone	Sub-zone	Sub-zone Description*	Zone Wide Values										Site/Reach Specific Values										
			LSC	CR	SG	Mau	WS ³	IA ⁴	I ⁵	SW	EI	CAP ⁶	NS	SoS A	SoS R	Ae	NFS IS	AM ⁷	NF WM	SoS C	TF ⁸	TS	D/FC
	Mangatewainui (Mana_1b)	Mangatewainui River –source to from Manawatu confluence at approx. NZMS 260 (U23:829-086)–to source.	HM	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓							II	✓	✓
	Mangatoro (Mana_1c)	Mangatoro Stream –source to from Manawatu confluence at approx. NZMS 260 (U23:810-027)- to source	HSS	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓							II	✓	✓
Weber-Tamaki (Mana_2)	Weber-Tamaki (Mana_2a)	Manawatu River –Weber Road to from Tamaki confluence at approx. NZMS 260 (U23:709-003) to Weber road	HM	✓		✓	✓	✓	✓	✓	✓	✓	✓			✓					II		✓
	Mangatera (Mana_2b)	Mangatera Stream –source to from Manawatu confluence at approx. NZMS 260 (U23:737-025) to source	HM	✓		✓	✓	✓	✓	✓	✓	✓	✓									✓	✓
Upper Tamaki (Mana_3)	Upper Tamaki	Tamaki River –source to from water supply weir at approx. NZMS 260 (U23:709-111) to source	UHS	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓							✓	✓
Upper Kumeti (Mana_4)	Upper Kumeti	Kumeti Stream - source to from Te Rehunga flow recorder at approx. NZMS 260 (T23:663-052) to source	UHS	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓								✓
Tamaki-Hopelands (Mana_5)	Tamaki-Hopelands (Mana_5a)	Manawatu River –Tamaki confluence to from Hopelands at approx. NZMS 260 (T24: 616-899) to Tamaki confluence	HM	✓		✓	✓	✓	✓	✓	✓	✓	✓			✓					II	✓	✓
	Lower Tamaki (Mana_5b)	Tamaki River –Water supply weir to from Manawatu confluence at approx. NZMS 260 (U23:709-002) to water supply weir	HM	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓							✓	✓
	Lower Kumeti (Mana_5c)	Kumeti Stream –Te Rehunga to from Manawatu confluence at approx. NZMS260 (U23:701-006) to Te Rehunga flow recorder	HM	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓							✓	✓
	Oruakeretaki (Mana_5d)	Oruakeretaki Stream –source to from Manawatu confluence at approx. NZMS 260 (T23:690-000) to source	HM	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓							✓	✓
	Raparapawai (Mana_5e)	Raparapawai Stream –source to from Manawatu confluence at approx. NZMS 260 (T24:643-932) to source	HM	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓							✓	✓

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Management Zone	Sub-zone	Sub-zone Description*	Zone Wide Values										Site/Reach Specific Values										
			LSC	CR	SG	Mau	WS ³	IA ⁴	I ⁵	SW	EI	CAP ⁶	NS	SoS A	SoS R	Ae	NFS IS	AM ⁷	NF WM	SoS C	TF ⁸	TS	D/FC
Hopelands-Tiraumea (Mana_6)	Hopelands-Tiraumea	Manawatu River – Hopelands to from Tiraumea confluence (Ngawapurua) at approx. NZMS 260 (T24:553-870) to Hopelands	HM	✓		✓	✓	✓	✓	✓	✓					✓				II		✓	
Tiraumea (Mana_7)	Upper Tiraumea (Mana_7a)	Tiraumea River – Ngaturi from Makuri confluence at approx. NZMS 260 (T24:578-780) to source	HSS	✓		✓	✓	✓	✓	✓	✓	✓								III		✓	
	Lower Tiraumea (Mana_7b)	Tiraumea River – Ngaturi confluence to from Manawatu confluence at approx. NZMS 260 (T24:555-870) to Makuri confluence	HSS	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓						III			
	Mangaone River (Mana_7c)	Mangaone River – source to from Tiraumea confluence at approx. NZMS 260 (T24:541-730) to source	HSS	✓		✓	✓	✓	✓	✓	✓	✓	✓										✓
	Makuri (Mana_7d)	Makuri River – source to from Tiraumea confluence at approx. NZMS 260 (T24:568-771) to source	ULi	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓			✓			II	✓		
	Mangaramarama (Mana_7e)	Mangaramarama Creek – source to Mangatainoka confluence (T24:557-844) from Tiraumea confluence at approx. NZMS 260 T24:559-854 to source	HSS	✓		✓	✓	✓	✓	✓	✓	✓	✓										
Mangatainoka (Mana_8)	Upper Mangatainoka (Mana_8a)	Mangatainoka River from Source to Larsons Road at approx. NZMS 260 T25:308-595 to source	UHS	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓			✓			II	✓	✓	
	Middle Mangatainoka (Mana_8b)	Mangatainoka River from Larsons Road to downstream Makakahi confluence at approx. NZMS 260 T24:475-775 to Larsons Road	HM	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓			✓			II	✓	✓	
	Lower Mangatainoka (Mana_8c)	Mangatainoka River from Makakahi confluence to Tiraumea confluence at approx. NZMS 260 T24:577-854 to Makakahi confluence	HM	✓		✓	✓	✓	✓	✓	✓	✓	✓			✓	✓			II	✓	✓	
	Makakahi (Mana_8d)	Makakahi River – source to from Mangatainoka confluence at approx. NZMS 260 T24:475-775 to source	HM	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓			II	✓	✓	

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Management Zone	Sub-zone	Sub-zone Description*	Zone Wide Values										Site/Reach Specific Values											
			LSC	CR	SG	Mau	WS ³	IA ⁴	I ⁵	SW	EI	CAP ⁶	NS	SoS A	SoS R	Ae	NFS IS	AM ⁷	NF WM	SoS C	TF ⁸	TS	D/FC	
	Mangamarama (Mana_8e)	Mangamarama Creek – source to Mangatainoka confluence (T24:557-844)	HSS	✓		✓	✓		✓	✓		✓												
Upper Gorge (Mana_9)	Upper Gorge (Mana_9a)	Manawatu River –Tiraumea confluence to from Upper Gorge flow recorder at approx (T24:494-933) to Tiraumea confluence	HM	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				III		✓	
	Mangapapa (Mana_9b)	Mangapapa Stream –source to from Mangaatua confluence at approx NZMS 260 (T24:515-922) to source	HM	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓								✓	✓
	Mangaatua (Mana_9c)	Mangaatua Stream –source to from Manawatu confluence at approx. NZMS 260 (T24:496-925) to source	HM	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									✓
	Upper Mangahao (Mana_9d)	Mangahao River –source to Balance from Balance at approx. NZMS 260 (T24:468-818) to source	UHS	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓			✓				III	✓	✓	
	Lower Mangahao (Mana_9e)	Mangahao River –Ballance to from Manawatu confluence at approx. NZMS 260 (T24:496-891) to Ballance	HM	✓		✓	✓	✓	✓	✓	✓	✓	✓		✓	✓					III	✓	✓	
Middle Manawatu (Mana_10)	Middle Manawatu (Mana_10a)	Manawatu River –Upper Gorge to from Teacher's College at approx. NZMS 260 (T24:331-892) to Upper Gorge	HM	✓		✓	✓	✓	✓	✓	✓	✓			✓	✓	✓		✓		III		✓	
	Upper Pohangina (Mana_10b)	Pohangina River –source to from Totara Reserve at approx. NZMS 260 (T23:534-167) to source	UHS	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				III	✓	✓	
	Middle Pohangina (Mana_10c)	Pohangina River –Totara Reserve to from Mais Reach at approx. NZMS 260 (T23:467-053) to Totara Reserve	HM	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓		✓					III	✓	✓	
	Lower Pohangina (Mana_10d)	Pohangina River –Mais Reach to from Manawatu confluence at approx. NZMS 260 (T24:450-966) to Mais Reach	HM	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				III		✓	
	Aokautere (Mana_10e)	Aokautere Stream –source to from Manawatu confluence at approx. NZMS 260 (T24:349-899) to source	HM	✓		✓	✓	✓	✓	✓	✓	✓	✓											

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Management Zone	Sub-zone	Sub-zone Description*	Zone Wide Values										Site/Reach Specific Values											
			LSC	CR	SG	Mau	WS ³	IA ⁴	I ⁵	SW	EI	CAP ⁶	NS	SoS A	SoS R	Ae	NFS IS	AM ⁷	NF WM	SoS C	TF ⁸	TS	D/FC	
Lower Manawatu (Mana_11)	Lower Manawatu (Mana_11a)	Manawatu River – Teacher's College to from Oroua confluence at approx. NZMS 260 (S24:167-826) to Teachers College	HM	✓		✓	✓	✓	✓	✓	✓	✓			✓		✓				III		✓	
	Turitea (Mana_11b)	Turitea Stream – source to from Manawatu confluence at approx. NZMS 260 (T24:304-881) to source	UHS	✓		✓	✓	✓	✓	✓	✓	✓		✓			✓				III	✓		
	Kahuterawa (Mana_11c)	Kahuterawa Stream – source to Manawatu confluence at approx. NZMS 260 (S24:292-876) to source	UHS	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓			✓				III	✓		
	Upper Mangaone Stream (Mana_11d)	Mangaone Stream – source to from Milson Line at approx. NZMS 260 (T24:311-953) to source	LM	✓		✓	✓	✓	✓	✓	✓	✓											✓	
	Lower Mangaone Stream (Mana_11e)	Mangaone Stream – Milson Line to from Manawatu confluence at approx. NZMS 260 (S24:283-872) to Milson Line	LM	✓		✓	✓	✓	✓	✓	✓	✓					✓						✓	
	Main Drain (Mana_11f)	Main Drain catchment (including Taonui Stream) – to from Manawatu confluence (including Taonui Stream) at approx. NZMS 260 (S24:181-836) to source	LM	✓		✓	✓	✓	✓	✓	✓	✓			✓								✓	
Oroua (Mana_12)	Upper Oroua (Mana_12a)	Oroua River – source to from Almadale at approx. NZMS 260 (T23:365-113) to source	HM	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				III	✓	✓	
	Middle Oroua (Mana_12b)	Oroua River – Almadale from Awahuri Bridge at approx. NZMS 260 (S23:243-002) to Almadale	HM	✓		✓	✓	✓	✓	✓	✓	✓			✓		✓				III		✓	
	Lower Oroua (Mana_12c)	Oroua River – Awahuri Bridge to from Manawatu confluence at approx. NZMS 260 (S24:167-826) to Awahuri Bridge	LM	✓		✓	✓	✓	✓	✓	✓	✓			✓						III		✓	
	Kiwritea (Mana_12d)	Kiwritea Stream – source to from Oroua confluence at approx. NZMS 260 (T23:309-066) to source	HM	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓		✓							✓	✓
	Makino (Mana_12e)	Makino Stream – source to from Oroua confluence at approx. NZMS 260 (S23:243-004) to source	LM	✓		✓	✓	✓	✓	✓	✓	✓			✓		✓				III	✓	✓	

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			LSC	CR	SG	Mau	WS ³	IA ⁴	I ⁵	SW	EI	CAP ⁶	NS	SoS A	SoS R	Ae	NFS IS	AM ⁷	NF WM	SoS C	TF ⁸	TS	D/FC	
Coastal Manawatu (Mana_13)	Coastal Manawatu (Mana_13a)	Manawatu River – Oroua confluence to from mouth^A at approx NZMS 260 (S24:977-788) to Oroua confluence (excluding the Manawatu River from the Cross-river CMA at approx. NZMS 260 S24:009-766 to the mouth^A)	LM	✓		✓	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓			III		✓	
	Upper Tokomaru (Mana_13b)	Tokomaru River – source to from Horseshoe Bend at approx. NZMS 260 (S24:241-768) to source	UHS	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓							III	✓		
	Lower Tokomaru (Mana_13c)	Tokomaru River – Horseshoe Bend to from Manawatu confluence at approx. NZMS 260 (S24:134-727) to Horseshoe Bend	LM	✓		✓	✓	✓	✓	✓	✓	✓		✓			✓				III	✓	✓	
	Mangaore (Mana_13d)	Mangaore River – source to from Manawatu confluence at approx. NZMS 260 (S24:123-717) to source	HM	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓										✓
	Koputaroa (Mana_13e)	Koputaroa Stream – source to from Manawatu confluence at approx. NZMS 260 (S24:106-708) to source	LM	✓		✓	✓	✓	✓	✓	✓	✓		✓										✓
	Foxton Loop (Mana_13f)	Manawatu River at SH4 to from downstream limit of Whirikino Cut at approx. NZMS 260 (S24:010-769) to SH 1	LM	✓		✓	✓	✓	✓	✓	✓	✓					✓							✓
Upper Rangitikei (Rang_1)	Upper Rangitikei	Rangitikei River – source to from Makahikatoa Stream at approx. NZMS 260 (U21:726-888)	UHS	✓		✓	✓		✓	✓	✓		✓	✓		✓					I	✓		
Middle Rangitikei (Rang_2)	Middle Rangitikei (Rang_2a)	Rangitikei River – Makahikatoa Stream to from Pukeokahu at approx. NZMS 260 (U21:713-708) to Makahikatoa Stream	UHS	✓		✓	✓	✓	✓	✓	✓					✓					I	✓		
	Pukeokahu – Mangaweka (Rang_2b)	Rangitikei River main stem – Pukeokahu to from Mangaweka at approx. NZMS 260 (T22:504-513) to Pukeokahu	HM	✓		✓	✓	✓	✓	✓	✓		✓	✓		✓		✓			I	✓		
	Upper Moawhango (Rang_2c)	Moawhango River – source to from Moawhango Dam at approx. NZMS 260 (T20:469-960) to source	UVA	✓		✓	✓	✓		✓	✓		✓			✓					III	✓		

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	Middle Moawhango (Rang_2d)	Moawhango River - Dam to from Moawhango Township at approx. NZMS 260 (T21:557-745) to Moawhango Dam	UVM	✓		✓	✓			✓	✓	✓			✓						III	✓	
	Lower Moawhango (Rang_2e)	Moawhango River - Moawhango Township to from Rangitikei confluence at approx. NZMS 260 (T21:609-623) to Moawhango Township	HSS	✓		✓	✓	✓	✓	✓	✓	✓	✓								III		
	Upper Hautapu (Rang_2f)	Hautapu River - source to from Taihape at approx. NZMS 260 (T21:506-670) to source	UVM	✓		✓	✓	✓	✓	✓	✓	✓	✓			✓			✓		II	✓	
	Lower Hautapu (Rang_2g)	Hautapu River - Taihape to from Rangitikei confluence at approx. NZMS 260 (T22:529-574) to Taihape	HSS	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓			✓				III	✓	
Lower Rangitikei (Rang_3)	Lower Rangitikei (Rang_3a)	Rangitikei River - Mangaweka to from Onepuhi at approx. NZMS 260 (S23:201-222) to Mangaweka	HM	✓		✓	✓	✓	✓	✓	✓	✓		✓	✓	✓			✓		II	✓	✓
	Makohine (Rang_3b)	Makohine Stream - source to from Rangitikei confluence at approx. NZMS 260 (T22:400-443) to source	HSS	✓		✓	✓	✓	✓	✓	✓	✓										✓	
Coastal Rangitikei (Rang_4)	Coastal Rangitikei (Rang_4a)	Rangitikei River - Onepuhi to from McKelvies at approx. NZMS 260 (S24:033-985) to Onepuhi	HM	✓		✓	✓	✓	✓	✓	✓	✓		✓	✓						III		✓
	Tidal Rangitikei (Rang_4b)	Rangitikei River - McKelvies to from the mouth ^A at approx. NZMS 260 (S24:991-984) to McKelvies (excluding the Rangitikei River from the Cross-river CMA at approx. NZMS 260 S23:009-001 to the mouth ^A)	LM	✓		✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓			III		✓
	Porewa (Rang_4c)	Porewa Stream - source to from Rangitikei confluence at approx. NZMS 260 (S23:190-212) to source	HSS	✓		✓	✓	✓	✓	✓	✓	✓										✓	✓
	Tutaenui (Rang_4d)	Tutaenui Stream - source to from Rangitikei confluence at approx. NZMS 260 (S23:101-095) to source	LM	✓		✓	✓	✓	✓	✓	✓	✓		✓			✓						✓

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Upper Whanganui (Whai_1)	Upper Whanganui	Whanganui River – source to from Whakapapa confluence at approx. NZMS 260 (S19: 189-499) to source	UVA	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓							III	✓	
Cherry Grove (Whai_2)	Cherry Grove (Whai_2a)	Whanganui River – Whakapapa confluence to from Cherry Grove at approx. NZMS 260 (S18:057-545) to Whakapapa confluence	UVM	✓		✓	✓	✓	✓	✓	✓	✓		✓			✓				III	✓	✓
	Upper Whakapapa (Whai_2b)	Whakapapa River – source to from Footbridge at approx. NZMS 260 (S19: 226-293) to source	UVA	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓							III	✓	
	Lower Whakapapa (Whai_2c)	Whakapapa River – Footbridge to from Whanganui confluence at approx. NZMS 260 (S19: 189-499) to Footbridge	UVA	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓			✓				III	✓	
	Piopiotea (Whai_2d)	Piopiotea Stream – source to from Whakapapa confluence at approx. NZMS 260 (S19:174-356) to source	UVA	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓							III	✓	
	Pungapunga (Whai_2e)	Pungapunga River – source to from Whanganui confluence at approx. NZMS 260 (S18:124-546) to source	UVM	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓							III	✓	
	Upper Ongarue (Whai_2f)	Ongarue River – source to from Waihuka Stream confluence at approx. NZMS 260 (S18:108-785) to source	UVA	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓							III	✓	
	Lower Ongarue (Whai_2g)	Ongarue River – Waihuka Stream to from Whanganui confluence at approx. NZMS 260 (S18:056-547) to Waihuka Stream	UVM	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓			✓				III	✓	
Te Maire (Whai_3)	Te Maire	Whanganui River – Cherry Grove to from Te Maire at approx. NZMS 260 (S19: 998-490) to Cherry Grove	UVM	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓							III		✓
Middle Whanganui (Whai_4)	Middle Whanganui (Whai_4a)	Whanganui River – Te Maire to from Retaruke confluence Wades Landing/Whakahore at approx. NZMS 260 (R19: 886-306) to Te Maire	UVM	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓							III		

Table Ba10: Water Management Values by Sub-zone in the Manawatu- Wanganui Region

Management Zone	Sub-zone	Sub-zone Description*	Zone Wide Values										Site/Reach Specific Values											
			LSC	CR	SG	Mau	WS ³	IA ⁴	I ⁵	SW	EI	CAP ⁶	NS	SoS A	SoS R	Ae	NFS IS	AM ⁷	NF WM	SoS C	TF ⁸	TS	D/FC	
	Upper Ohura (Whai_4b)	Ohura River – source to from Tokorima at approx. NZMS 260 (R18: 863-521) to source	HSS	✓		✓	✓	✓	✓	✓	✓	✓	✓											
	Lower Ohura (Whai_4c)	Ohura River – Tokorima to from Whanganui confluence at approx. NZMS 260 (R19:887-386) to Tokorima	HSS	✓		✓	✓	✓	✓	✓	✓	✓	✓											
	Retaruke (Whai_4d)	Retaruke River – source to from Whanganui confluence at approx. NZMS 260 (R19:890-309) to source	UVM	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓							III	✓		
Pipiriki (Whai_5)	Pipiriki (Whai_5a)	Whanganui River – Retaruke confluence to from Pipiriki at approx. NZMS 260 (R21: 859-897) to Retaruke confluence	HSS	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						III			
	Tangarakau (Whai_5b)	Tangarakau River – source to from Whanganui confluence at approx. NZMS 260 (R20:714-175) to source	HSS	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									
	Whangamomona (Whai_5c)	Whangamomona River – source to from Whanganui confluence at approx. NZMS 260 (R20:731-130) to source	HSS	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									
	Upper Manganui o te Ao (Whai_5d)	Manganui o te Ao River – source to Hoihenga Road (S20:047-077) from Makatote confluence at approx. NZMS 260 S20:129-120 to source	UVA	✓		✓				✓	✓	✓	✓	✓	✓							I	✓	
	Makatote (Whai_5e)	Makatote River from the confluence with the Manganui o Te Ao River at approx. NZMS 260 S20:129-120 to source	UVA	✓		✓				✓	✓	✓	✓	✓	✓							I	✓	
	Waimarino (Whai_5f)	Waimarino Stream from the confluence with the Makatote River at approx. NZMS 260 S20:129-120 to source	UVA	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓							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 confluence	UVA	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓							I	✓	

Table Ba10: Water Management Values by Sub-zone in the Manawatu- Wanganui Region

Management Zone	Sub-zone	Sub-zone Description*	Zone Wide Values										Site/Reach Specific Values												
			LSC	CR	SG	Mau	WS ³	IA ⁴	I ⁵	SW	EI	CAP ⁶	NS	SoS A	SoS R	Ae	NFS IS	AM ⁷	NF WM	SoS C	TF ⁸	TS	D/FC		
	Mangaturuturu (Whai_5h)	Mangaturuturu River from the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:057-067 to source	UVA	✓		✓				✓	✓	✓	✓	✓								!			
	Lower Manganui o te Ao (Whai_5ej)	Manganui o te Ao River – Hoihenga Road to from Whanganui confluence at approx. NZMS 260 (R20:861-979) to Hoihenga Road.	UVM	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓			✓				!	✓			
	Orautoha (Whai_5i)	Orautoha Stream from the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:026-067 to source	UVM	✓		✓	✓	✓	✓	✓	✓	✓		✓			✓				!	✓			
Paetawa (Whai_6)	Paetawa	Whanganui River – Pipiriki to from Paetawa at approx. NZMS 260 (S22: 937-566) to Pipiriki	HSS	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					III				
Lower Whanganui (Whai_7)	Lower Whanganui (Whai_7a)	Whanganui River – Paetawa to from Aramohe Bridge at approx. NZMS 260 (R22:858-420) to Paetawa	HSS	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓							✓	
	Coastal Whanganui (Whai_7b)	Whanganui River – Aramohe Bridge to from mouth ⁹ at approx. NZMS 260 (R22:797-328) to Aramohe Bridge (excluding the Whanganui River from the Cross-river CMA Boundary at approx. NZMS 260 R22:848-380 to the mouth ⁹)	LM	✓		✓	✓	✓	✓	✓	✓	✓				✓	✓	✓						✓	
	Upokongaro (Whai_7c)	Upokongaro River – source to from Whanganui confluence at approx. NZMS 260 (S22:908-463) to source	HSS	✓		✓	✓	✓	✓	✓	✓	✓		✓											
	Matarawa (Whai_7d)	Matarawa River – source to from Whanganui confluence at approx. NZMS 260 (R22:857-403) to source	HSS	✓		✓	✓	✓	✓	✓	✓	✓				✓	✓	✓							✓
Upper Whangaehu (Whau_1)	Upper Whangaehu (Whau_1a)	Whangaehu River – source to from Karioi at approx. NZMS 260 (S21: 218-864) to source	UVA	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									
	Waitangi (Whau_1b)	Waitangi Stream – source to from Whangaehu confluence at approx. NZMS 260 (T21:316-888) to source	UVM	✓		✓	✓	✓	✓	✓	✓	✓									III	✓			

Table Ba10: Water Management Values by Sub-zone in the Manawatu- Wanganui Region

Management Zone	Sub-zone	Sub-zone Description*	Zone Wide Values										Site/Reach Specific Values										
			LSC	CR	SG	Mau	WS ³	IA ⁴	I ⁵	SW	EI	CAP ⁶	NS	SoS A	SoS R	Ae	NFS IS	AM ⁷	NF WM	SoS C	TF ⁸	TS	D/FC
	Tokiahuru (Whau_1c)	Tokiahuru Stream –source to from Whangaehu confluence at approx. NZMS 260 (S21:219-865) to source	UVA	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						III	✓	
Middle Whangaehu (Whau_2)	Middle Whangaehu	Whangaehu River –Karioi to from Aranui at approx. NZMS 260 (S21: 175-627) to source	HSS	✓		✓	✓	✓	✓	✓	✓	✓	✓										
Lower Whangaehu (Whau_3)	Lower Whangaehu (Whau_3a)	Whangaehu River –Aranui to from Kauangaroa at approx. NZMS 260 (S22:045-397) to Aranui (including Mangawhero River from Raupiu Road to Whangaehu confluence to Raupiu Road)	HSS	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						III		✓
	Upper Makotuku (Whau_3b)	Makotuku River –source to Water from water supply weir at approx. NZMS 260 (S20:103-011) to source	UVA	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓							III	✓	
	Lower Makotuku (Whau_3c)	Makotuku River –Water supply weir to from Mangawhero confluence at approx. NZMS 260 (S20:080-903) to water supply weir	UVA	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓							III	✓	
	Upper Mangawhero (Whau_3d)	Mangawhero River –source to from Makotuku confluence at approx. NZMS 260 (S20:080-903) to source	UVA	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓			III	✓	✓
	Lower Mangawhero (Whau_3e)	Mangawhero River - Makotuku confluence to Raupiu Road at approx. NZMS 260 (S21:099-646)	HSS	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						III		
	Makara (Whau_3f)	Makara Stream from the confluence with an unnamed tributary at approx. NZMS 260 S20:065-992 to source	UVA	✓		✓						✓	✓	✓	✓						III	✓	
Coastal Whangaehu (Whau_4)	Coastal Whangaehu	Whangaehu River –Kauangaroa to from mouth* at approx. NZMS 260 (R23:890-275) to Kuangaroa (excluding the Whangaehu River from the Cross-river CMA at approx. NZMS 260 R23:903-287 to mouth*)	HSS	✓		✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓					✓
Turakina (Tura_1)	Upper Turakina (Tura_1a)	Turakina River –source to from Otairi at approx. NZMS 260 (S22:236-471) to source	HSS	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓								

Table Ba10: Water Management Values by Sub-zone in the Manawatu- Wanganui Region

Management Zone	Sub-zone	Sub-zone Description*	Zone Wide Values										Site/Reach Specific Values										
			LSC	CR	SG	Mau	WS ³	IA ⁴	I ⁵	SW	EI	CAP ⁶	NS	SoS A	SoS R	Ae	NFS IS	AM ⁷	NF WM	SoS C	TF ⁸	TS	D/FC
	Lower Turakina (Tura_1b)	Turakina River – Otaire to from <u>mouth[^] at approx. NZMS 260 (S23:924-231) to Otaire (excluding the Turakina River from the Cross-river CMA at approx. NZMS 260 S23:921-254 to the mouth[^])</u>	HSS	✓		✓	✓	✓	✓	✓	✓	✓			✓		✓	✓	✓				✓
	Ratana (Tura_1c)	Lakes Waipu and Oraekomiko and all surrounding catchment area	LM	✓		✓	✓	✓	✓	✓	✓	✓											
Ohau (Ohau_1)	Upper Ohau (Ohau_1a)	Ohau River – source to from <u>Rongomatane at approx. NZMS 260 (S25:072-577) to source</u>	UHS	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓							III	✓	✓
	Lower Ohau (Ohau_1ba)	Ohau River – Rongomatane to from <u>mouth[^] at approx. NZMS 260 (S25:918-578) to Rongomatane (excluding the Ohau River from the Cross-river CMA at approx. NZMS 260 S25:929-595 to the mouth[^])</u>	HM	✓		✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓			III	✓	✓
Owahanga (Owha_1)	Owahanga	Owahanga River – source to from <u>mouth[^] at approx. NZMS 260 (U25:932-532) to source (excluding the Owahanga River from the Cross-river CMA at approx. NZMS 260 U25:932-532 to the mouth[^])</u>	HSS	✓		✓	✓	✓	✓	✓	✓			✓									
East Coast (East_1)	East Coast	Wainui, Tautane and Waimata – whole catchments from source to <u>mouth[^] to source (excluding the Wainui River from the Cross-river CMA at approx. NZMS 260 V24:115-735 to mouth[^])</u>	HSS	✓		✓	✓	✓	✓	✓	✓			✓	✓		✓						
Akitio (Akit_1)	Upper Akitio (Akit_1a)	Akitio River – source to from <u>Weber Road at approx. NZMS 260 (U24: 919-832) to source</u>	HSS	✓		✓	✓	✓	✓	✓	✓			✓									✓

Table Ba10: Water Management Values by Sub-zone in the Manawatu- Wanganui Region																							
Management Zone	Sub-zone	Sub-zone Description*	Zone Wide Values										Site/Reach Specific Values										
			LSC	CR	SG	Mau	WS ³	IA ⁴	I ⁵	SW	EI	CAP ⁶	NS	SoS A	SoS R	Ae	NFS IS	AM ⁷	NF WM	SoS C	TF ⁸	TS	D/FC
	Lower Akitio (Akit_1b)	Akitio River – Weber Road to from <u>mouth[^] at approx. NZMS 260 (U25:992-610) to Weber Road (excluding the Akitio River from the Cross-river CMA at approx. NZMS 260 U25:915-554 to mouth[^])</u>	HSS	✓		✓	✓	✓	✓	✓	✓	✓		✓			✓	✓	✓				✓
	Waihi (Akit_1c)	Waihi Stream – source to from <u>Akitio confluence at approx. NZMS 260 (U24:895-801) to source</u>	HSS	✓		✓	✓	✓	✓	✓	✓	✓											
Northern Coastal (West_1)	Northern Coastal	All coastal catchments and dune lakes between Kai Iwi and Waitotara catchments	LM	✓		✓	✓	✓	✓	✓	✓			✓			✓	✓	✓				
Kai Iwi (West_2)	Kai Iwi	Kai Iwi Stream – source to from <u>mouth[^] at approx. NZMS 260 (R23:723-449) to source (excluding the Kai Iwi Stream from the Cross-river CMA at approx. NZMS 260 R22:722-450 to the mouth[^])</u>	HSS	✓		✓	✓	✓	✓	✓	✓	✓	✓				✓	✓	✓				
Mowhanau (West_3)	Mowhanau	Mowhanau Stream – source to from <u>mouth[^] at approx. NZMS 260 (R22:725-447) to source (excluding the Mowhanau Stream from the Cross-river CMA at approx. NZMS 260 R22:726-4448 to the mouth[^])</u>	LM	✓		✓	✓	✓	✓	✓	✓	✓		✓			✓	✓	✓				
Kaitoke Lakes (West_4)	Kaitoke Lakes	Lakes Kaitoke, Pauri, Wiritoa, Kohata and all surrounding catchment area	LM	✓		✓	✓	✓	✓	✓	✓	✓					✓	✓	✓				
Southern Whanganui Lakes (West_5)	Southern Whanganui Lakes	Lakes Vipan, Heaton, Bernard, William, Herbert, Hickson, Alice, Koitiata, Dudding and all surrounding catchment area	LS	✓		✓	✓	✓	✓	✓	✓	✓		✓			✓	✓	✓				✓
Northern Manawatu Lakes (West_6)	Northern Manawatu Lakes	All lakes and lagoons between Coastal Rangitikei and Coastal Manawatu and all surrounding catchment area	LS	✓		✓	✓	✓	✓	✓	✓	✓		✓			✓	✓	✓				✓

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Management Zone	Sub-zone	Sub-zone Description*	Zone Wide Values										Site/Reach Specific Values										
			LSC	CR	SG	Mau	WS ³	IA ⁴	I ⁵	SW	EI	CAP ⁶	NS	SoS A	SoS R	Ae	NFS IS	AM ⁷	NF WM	SoS C	TF ⁸	TS	D/FC
Waitarere (West_7)	Waitarere	All lakes and lagoons between Coastal Manawatu and Lake Horowhenua catchment and all surrounding catchment area	LS	✓		✓	✓	✓	✓	✓	✓	✓					✓						
Lake Papaitonga (West_8)	Lake Papaitonga	Lake Papaitonga catchment	LS	✓		✓	✓	✓	✓	✓	✓	✓		✓			✓	✓					✓
Waikawa (West_9)	Waikawa (West_9a)	Waikawa Stream – source to from mouth [^] at approx. NZMS 260 (S25:908-548) to source (excluding the Waikawa Stream from the Cross-river CMA at approx. NZMS 260 S25:915-554 to the mouth [^])	HM	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓						✓
	Manakau (West_9b)	Manakau Stream from the confluence with the Waikawa Stream at approx. NZMS 260 S25:946-549 to source		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓									✓
Lake Horowhenua (Hoki_1)	Lake Horowhenua (Hoki_1a)	Whole lake catchment above Hoki Stream outlet	LM	✓		✓	✓	✓	✓	✓	✓	✓		✓									✓
	Hoki (Hoki_1b)	Hoki Stream downstream of Lake Horowhenua outlet (excluding the Hoki Stream from the Cross-river CMA at approx. NZMS 260 S25:949-657 to the mouth [^])	LS	✓		✓	✓	✓	✓	✓	✓	✓				✓	✓	✓					✓
Coastal Marine Area	Coastal Marine Area – West Coast (West Coast)	Coastal Marine Area – West Coast	Sea	✓	✓	✓						✓				✓	✓	✓					
	Coastal Marine Area – East Coast (East Coast)	Coastal Marine Area – East	Sea	✓	✓	✓						✓				✓	✓	✓					