Schedule AB: Surface Water^ Management Values

Schedule AB 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 AB.3 and the respective policies and rules of Part II.

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Part AB.1: Surface Water^A Management Values listed by Sub-zone*

ADVICE NOTE: To help with interpretation of these tables please turn to Part AB.3 (the back of Schedule AB) 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^A; CAP: Capacity to Assimilate Pollution; NS: Natural State; SOS-A: Sites of Significance - Aquatic; SOS-R: Sites of Significance - Riparian; IS: Inanga Spawning; WM: Whitebait*migration; SOS-C: Sites of Significance - Cultural; TF: Trout Fishery; TS: Trout Spawning; WS: Water 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 AB.1: S	urface Water^ M	anagement Values by Sub-zone*																			
Water	Sub-zone*	Sub-zone* Description1				Zone	-wide V	alues						S	ite/Re	ach-s	oecific Va	lues			
Management Zone*	Sub-2011e	Sub-2011e Description:	LSC	AE	CR	Mau	IA ²	[2	SW	目	CAP ³	NS	SOS-A	SOS-R	IS	WM	SOS-C	TF	TS	WS	FC/D
	Upper Manawatu (Mana_1a)	Manawatu River from Weber Road at approx. NZMS 260 U23:751-027 to source	НМ	✓	✓	✓	✓	✓	✓	~	✓	✓	✓					II	✓		✓
Upper Manawatu (Mana_1)	Mangatewainui (Mana_1b)	Mangatewainui River from Manawatu River confluence at approx. NZMS 260 U23:829-086 to source	НМ	✓	✓	~	~	✓	✓	√	✓	✓	✓					II	√		✓
(Maria_1)	Mangatoro (Mana_1c)	Mangatoro Stream from Manawatu River confluence at approx. NZMS 260 U23:810-027 to source	HSS	✓	~	✓	✓	✓	✓	✓	✓	✓						II	✓		✓
		M - 1 D: (T 1:D: (
Weber-Tamaki (Mana_2)	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	✓	✓	✓	✓	✓	✓	√	✓			✓				II			✓
(Maria_2)	Mangatera (Mana_2b)	Mangatera Stream from Manawatu River confluence at approx. NZMS 260 U23:737-025 to source	НМ	✓	✓	✓	✓	✓	✓	√	✓								√		✓
Upper Tamaki (Mana_3)	Upper Tamaki (Mana_3)	Tamaki River from water supply weir at approx. NZMS 260 U23:709-111 to source	UHS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						✓	✓	✓

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



All natural water bodies* except those classified as NS and those identified as zero allocation in Schedule B.

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

Table AB.1: S	urface Water^ Ma	anagement Values by <i>Sub-zone</i> *																			
Water Management	Sub-zone*	Sub-zone* Description1				Zone	-wide V	alues						S	ite/Re	ach-s	ecific V	alues			
Zone*	Sub-2011e	Sub-20ne Description:	LSC	AE	CR	Mau	IA ²	[2	SW	El	CAP ³	NS	SOS-A	SOS-R	IS	WM	SOS-C	TF	TS	WS	FC/D
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	√	√	✓	✓	√	√	√	✓	√	✓								✓
	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	✓	✓	✓	✓	✓	✓	✓	✓			√				II	✓		✓
	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	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						✓		✓
Tamaki- 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	✓	√	✓	✓	√	✓	✓	✓	√							√		✓
	Oruakeretaki (Mana_5d)	Oruakeretaki Stream from Manawatu River confluence at approx. NZMS 260 T23:690-000 to source	НМ	~	~	✓	~	✓	✓	✓	✓	√	✓						✓		✓
	Raparapawai (Mana_5e)	Raparapawai Stream from Manawatu River confluence at approx. NZMS 260 T24:643-932 to source	НМ	✓	√	✓	✓	✓	✓	✓	✓	√							✓		✓
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	✓	✓	✓	✓	✓	✓	✓	✓			√				II			✓
Tiraumea (Mana_7)	Upper Tiraumea (Mana_7a)	Tiraumea River from Makuri River confluence at approx. NZMS 260 T24:578-780 to source	HSS	√	✓	√	√	✓	✓	✓	✓	√						III			✓
	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	√	√	✓	✓	√	√	✓	✓	√	~	✓				III			
	Mangaone River (Mana_7c)	Mangaone River from Tiraumea River confluence at approx. NZMS 260 T24:541-730 to source	HSS	✓	✓	✓	✓	✓	✓	✓	✓	✓									✓
	Makuri (Mana_7d)	Makuri River from Tiraumea River confluence at approx. NZMS 260 T24:568-771 to source	ULi	✓	✓	✓	✓	✓	✓	✓	✓	✓						Ш	✓		



Table AB.1: S	urface Water^ M	anagement Values by <i>Sub-zone</i> *																			
Water	Cub*	Cub rougt Description1				Zone	-wide V	alues						S	ite/Re	ach-s	pecific Va	alues			
Management Zone*	Sub-zone*	Sub-zone* Description1	LSC	ΑE	CR	Mau	IA ²	 2	SW	El	CAP ³	NS	SOS-A	SOS-R	IS	WM	SOS-C	TF	TS	WS	FC/D
	Mangaramarama (Mana_7e)	Mangaramarama Creek from Tiraumea River confluence at approx. NZMS 260 T24:559-854 to source	HSS	✓	✓	✓	✓	√	✓	✓	✓										✓
	Upper Mangatainoka (Mana_8a)	Mangatainoka River from Larsons Road at approx. NZMS 260 T25:308-595 to source	UHS	✓	√	√	√	√	√	✓	√	✓	✓					II	√	✓	✓
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	√	✓	✓	✓	√	√	✓	✓	~	✓					II	✓	✓	✓
(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	МН	✓	✓	✓	✓	✓	✓	✓	✓			✓				=	√	✓	√
	Makakahi (Mana_8d)	Makakahi River from Mangatainoka River confluence at approx. NZMS 260 T24:475-775 to source	НМ	✓	✓	✓	✓	✓	√	✓	✓	✓	✓					II	√	✓	√
	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	✓	✓	✓	✓	✓	✓	~	✓	✓	✓	✓				III			✓
	Mangapapa (Mana_9b)	Mangapapa Stream from Mangaatua Stream confluence at approx. NZMS 260 T24:515-922 to source	НМ	✓	~	✓	✓	✓	✓	✓	✓	✓							✓	✓	✓
Upper Gorge (Mana_9)	Mangaatua (Mana_9c)	Mangaatua Stream from Manawatu River confluence at approx. NZMS 260 T24:496-925 to source	НМ	✓	~	✓	✓	✓	✓	✓	✓	√	~								✓
	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	✓	✓	✓	✓	✓	✓	✓	✓			✓				III	✓		✓
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	✓	✓	✓	✓	✓	√	✓	✓		✓	✓			✓	III			✓
	Upper Pohangina (Mana_10b)	Pohangina River from Totara Reserve at approx. NZMS 260 T23:534-167 to source	UHS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				III	✓		✓



Table AB.1: S	urface Water^ M	anagement Values by Sub-zone*																			
Water Management	Sub-zone*	Sub-zone* Description1				Zone	-wide V	alues						S	ite/Re	ach-s	oecific V	alues			
Zone*	00D-2011C		LSC	AE	CR	Mau	IA ²] 2	SW	El	CAP ³	NS	SOS-A	SOS-R	IS	WM	SOS-C	TF	TS	WS	FC/D
	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	✓	✓	✓	✓	✓	✓	~	✓	✓	✓	✓				III	✓		✓
	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	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	III			✓
	Aokautere (Mana_10e)	Aokautere Stream from Manawatu River confluence at approx. NZMS 260 T24:349-899 to source	НМ	✓	✓	✓	✓	✓	✓	✓	✓										
		Manawatu River from Oroua River confluence at																			
	Lower Manawatu (Mana_11a)	approx. NZMS 260 S24:167-826 to Teachers College at approx. NZMS 260 T24:331-892	НМ	✓	✓	✓	✓	✓	√	✓	✓			✓			✓	III			✓
	Turitea (Mana_11b)	Turitea Stream from Manawatu River confluence at approx. NZMS 260 T24:304-881 to source	UHS	✓	✓	✓	✓	✓	✓	✓	✓		✓					III	✓	✓	
Lower	Kahuterawa (Mana_11c)	Kahuterawa Stream from Manawatu River confluence at approx. NZMS 260 S24:292-876 to source	UHS	✓	✓	✓	✓	✓	√	✓	✓	✓	✓					III	✓		
Manawatu (Mana_11)	Upper Mangaone Stream (Mana_11d)	Mangaone Stream from Milson Line at approx. NZMS 260 T24:311-953 to source	LM	~	✓	✓	✓	✓	✓	✓	✓										✓
	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	~	~	✓	~	✓	√	~	✓										√
	Main Drain (Mana_11f)	Main Drain catchment (including Taonui Stream) from Manawatu River confluence at approx. NZMS 260 S24:181-836 to source	LM	✓	√	✓	✓	√	√	✓	✓		√								✓
Oroua (Mana_12)	Upper Oroua (Mana_12a)	Oroua River from Almadale at approx. NZMS 260 T23:365-113 to source	НМ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				III	✓	✓	✓
	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	✓	✓	✓	✓	✓	✓	✓	✓			✓				III		✓	✓
	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	✓	√	✓	✓	✓	✓	✓	✓			√			✓	III			✓
	Kiwitea (Mana_12d)	Kiwitea Stream from Oroua River confluence at approx. NZMS 260 T23:309-066 to source	НМ	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓					✓	✓	✓



Table AB.1: S	Surface Water [^] M	anagement Values by Sub-zone*																			
Water Management	Sub-zone*	Sub-zone* Description1				Zone	-wide V	alues						S	ite/Re	ach-s	pecific V	alues			
Zone*			LSC	ΑE	CR	Mau	IA ²] 2	SW	El	CAP ³	NS	SOS-A	SOS-R	IS	WM	SOS-C	TF	TS	WS	FC/D
	Makino (Mana_12e)	Makino Stream from Oroua River confluence at approx. NZMS 260 S23:243-004 to source	LM	✓	✓	✓	✓	✓	✓	✓	✓		✓					III	✓		✓
	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	√	✓	✓	✓	√	√	√	√		✓	~	✓	✓	√	III			✓
	Upper Tokomaru (Mana_13b)	Tokomaru River from Horseshoe Bend at approx. NZMS 260 S24:241-768 to source	UHS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					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	✓	✓	✓	✓	✓	✓	~	~		~					Ш	✓	✓	✓
	Mangaore (Mana_13d)	Mangaore River from Manawatu River confluence at approx. NZMS 260 S24:123-717 to source	НМ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓							✓	✓
	Koputaroa (Mana_13e)	Koputaroa Stream from Manawatu River confluence at approx. NZMS 260 S24:106-708 to source	LM	✓	~	✓	✓	✓	✓	√	~		✓								✓
	Foxton Loop (Mana_13f)	Manawatu River from downstream limit of Whirikino Cut at approx. NZMS 260 S24:010-769 to SH1	LM	✓	✓	✓	✓	✓	✓	✓	✓						✓				✓
Upper Rangitikei (Rang_1)	Upper Rangitikei (Rang_1)	Rangitikei River from Makahikatoa Stream at approx. NZMS 260 U21:726-888 to source	UHS	✓	√	✓			✓	✓	✓	√	✓					I	✓	✓	
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	✓	✓	✓	✓	✓	✓	✓	✓							I	✓	✓	
	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	✓	✓	✓	✓	√	✓	✓	✓	✓	✓					I	✓	✓	
	Upper Moawhango (Rang_2c)	approx. NZMS 260 T20:469-960 to source	UVA	✓	✓	✓			✓	✓	✓	✓		✓				III	✓	✓	
	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	√	✓	✓			√	✓	✓			✓				III	✓	✓	



Table AB.1: S	Surface Water^ M	anagement Values by Sub-zone*																			
Water	Sub-zone*	Sub-zone* Description1				Zone	-wide V	alues						Si	ite/Re	ach-s _l	pecific Va	alues			
Management Zone*	Sub-zone"	Sub-zone Description	LSC	AE	CR	Mau	IA ²	 2	SW	El	CAP ³	NS	SOS-A	SOS-R	IS	WM	SOS-C	TF	TS	WS	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	✓	✓	✓	✓	✓	✓	✓	√	✓						III		✓	
	Upper Hautapu (Rang_2f)	Hautapu River from Taihape at approx. NZMS 260 T21:506-670 to source	UVM	✓	✓	✓	✓	✓	✓	✓	✓	✓						Ш	✓	✓	
	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	✓	✓	✓	✓	✓	✓	✓	✓	✓						III	✓	✓	
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	√	✓	✓	√	√	√	√	>		✓	√				I/II	√	√	✓
(Rang_3)	Makohine (Rang_3b)	Makohine Stream from Rangitikei River confluence at approx. NZMS 260 T22:400-443 to source	HSS	√	✓	✓	~	√	√	√	*								√	√	
	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	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓				III		✓	~
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	✓	✓	✓	✓	✓	✓	✓	√	✓	√	√	√	✓		III		✓	✓
	Porewa (Rang_4c)	Porewa Stream from Rangitikei River confluence at approx. NZMS 260 S23:190-212 to source	HSS	✓	✓	✓	√	✓	✓	✓	✓								✓	✓	✓
	Tutaenui (Rang_4d)	Tutaenui Stream from Rangitikei River confluence at approx. NZMS 260 S23:101-095 to source	LM	✓	✓	✓	✓	✓	✓	✓	✓		✓							√	✓
Upper Whanganui (Whai_1)	Upper Whanganui (Whai_1)	Whanganui River from Whakapapa River confluence at approx. NZMS 260 S19:189-499 to source	UVA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					III	✓	✓	
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	✓	✓	✓	✓	✓	✓	✓	✓							III	✓	√	✓
	Upper Whakapapa (Whai_2b)	Whakapapa River from Footbridge at approx. NZMS 260 S19:226-293 to source	UVA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					11/111	✓	✓	



Water	0	Out and Description				Zone	-wide V	alues						Si	ite/Re	ach-s	pecific Va	alues			
Management Zone*	Sub-zone*	Sub-zone* Description1	LSC	AE	CR	Mau	IA ²	 2	SW	El	CAP ³	NS	SOS-A	SOS-R	IS	WM	SOS-C	TF	TS	WS	FC/E
	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	✓	✓	✓	✓	✓	✓	✓	✓	✓	√					II/III	√	✓	
	Piopiotea (Whai_2d)	Piopiotea Stream from Whakapapa River confluence at approx. NZMS 260 S19:174-356 to source	UVA	✓	✓	✓	✓	√	√	✓	✓	✓	✓					III	✓	✓	
	Pungapunga (Whai_2e)	Pungapunga River from Whanganui River confluence at approx. NZMS 260 S18:124-546 to source	UVM	✓	✓	✓	✓	√	✓	√	✓	~	✓					III	✓	✓	
	Upper Ongarue (Whai_2f)	Ongarue River from Waihuka Stream confluence at approx. NZMS 260 S18:108-785 to source	UVA	✓	✓	✓	✓	~	✓	✓	✓	✓	✓					II/III	✓	✓	
	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	√	✓	~	✓	✓	~	✓	~	✓	✓					Ш	~		
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	√	✓	✓	✓	✓	√	√	✓	√	✓					III			✓
	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	UVM	√	√	√	√	✓	√	√	√	✓	✓					III			
Middle	Upper Ohura (Whai_4b)	Ohura River from Tokorima at approx. NZMS 260 R18:863-521 to source	HSS	✓	✓	✓	✓	✓	✓	✓	✓	✓								✓	
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	✓	✓	✓	√	√	√	√	✓	✓									
	Retaruke (Whai_4d)	Retaruke River from Whanganui River confluence at approx. NZMS 260 R19:890-309 to source	UVM	✓	✓	✓	√	✓	√	✓	✓	✓	√					Ш	√		
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	√	√	√	√	✓	√	√	✓	✓	✓					III			
	Tangarakau (Whai_5b)	Tangarakau River from Whanganui River confluence at approx. NZMS 260 R20:714-175 to source	HSS	√	√	✓	√	✓	√	✓	✓	√	√								
	Whangamomona (Whai_5c)	Whangamomona River from Whanganui River confluence at approx. NZMS 260 R20:731-130 to source	HSS	✓	√	✓	√	✓	√	√	√	✓	✓								



	Surface Water^ M	anagement Values by Sub-zone*																			
Water Management	Sub-zone*	Sub-zone* Description1				Zone	-wide V	alues						S	ite/Re	ach-s	pecific Va	alues			
Zone*	Sub-2011e	Sub-zone Description:	LSC	ΑE	CR	Mau	IA ²	2	SW	El	CAP ³	NS	SOS-A	SOS-R	IS	WM	SOS-C	TF	TS	WS	FC/D
	Upper Manganui o te Ao (Whai_5d)	Manganui o te Ao River from Makatote River confluence at approx. NZMS 260 S20:129-120 to source	UVA	✓	✓	✓			√	✓	✓	✓	√					I			
	Makatote (Whai_5e)	Makatote River from Manganui o te Ao River confluence at approx. NZMS 260 S20:129-120 to source	UVA	✓	~	✓			√	√	✓	✓	√					I	✓		
	Waimarino (Whai_5f)	Waimarino Stream from Makatote River confluence at approx. NZMS 260 S20:129-120 to source	UVA	✓	✓	✓	✓	√	~	✓	√	√	✓					_			
	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	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					I	✓		
	Mangaturuturu (Whai_5h)	Mangaturuturu River from Manganui o te Ao River confluence at approx. NZMS 260 S20:057-067 to source	UVA	✓	~	~			✓	~	✓	✓	√					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	✓	✓	✓	✓	✓	√	✓	✓	✓	✓					-	✓		
	Orautoha (Whai_5j)	Orautoha Stream from Manganui o te Ao River confluence at approx. NZMS 260 S20:026-067 to source	UVM	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					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	✓	✓	✓	✓	√	√	✓	✓	✓	√	✓				III		√	
Lower	Lower Whanganui	Whanganui River from Aramoho Bridge at approx.	HSS	√	√	/	√	√	√	✓	✓	√	√	/	√	✓					✓
Whanganui (Whai_7)	(Whai_7a)	NZMS 260 R22:858-420 to Paetawa at approx. NZMS 260 S22:937-566	поо	*	•	•	•	*	•	*	•	•	•	•	•	•		III			•
, -,	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 crossriver CMA boundary at NZMS 260 R22:2684857-6138015 seawards)	LM	√	✓	√	✓	√	√	√	✓			✓	√	✓		III			✓
	Upokongaro (Whai_7c)	Upokongaro River from Whanganui River confluence at approx. NZMS 260 S22:908-463 to source	HSS	✓	✓	~	✓	✓	✓	✓	~		✓								



Table AB.1: S	Surface Water^ M	anagement Values by Sub-zone*																			
Water	Sub-zone*	Sub-zone* Description1				Zone	-wide V	alues						S	ite/Re	ach-s	ecific Va	alues			
Management Zone*	Sub-zone"	Sub-zone Description	LSC	AE	CR	Mau	IA ²] 2	SW	El	CAP ³	NS	SOS-A	SOS-R	IS	WM	SOS-C	TF	TS	WS	FC/D
	Matarawa (Whai_7d)	Matarawa River from Whanganui River confluence at approx. NZMS 260 R22:857-403 to source	HSS	✓	✓	✓	√	✓	✓	✓	✓				✓	✓					✓
	Upper Whangaehu	Whangaehu River from Karioi at approx. NZMS																			
	(Whau_1a)	260 S21:218-864 to source	UVA	\	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓							
Upper Whangaehu (Whau_1)	Waitangi (Whau_1b)	Waitangi Stream from Whangaehu River confluence at approx. NZMS 260 T21:316-888 to source	UVM	\	✓	✓	✓	>	>	>	~							=	>	>	
(Wildu_I)	Tokiahuru (Whau_1c)	Tokiahuru Stream from Whangaehu River confluence at approx. NZMS 260 S21:219-865 to source	UVA	>	✓	✓	✓	>	>	>	✓	>	✓	✓				=	>		
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	✓	✓	✓	✓	✓	✓	✓	✓										
		W																			
	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	✓	✓	✓	✓	√	✓	✓	✓	✓	✓					III			✓
	Upper Makotuku (Whau_3b)	Makotuku River from water supply weir at approx. NZMS 260 S20:103-011 to source	UVA	✓	✓	✓	✓	✓	✓	✓	✓	✓						III	✓	✓	
Lower Whangaehu (Whau_3)	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	✓	✓	✓	✓	√	√	√	✓							III	√		
	Upper Mangawhero (Whau_3d)	Mangawhero River from Makotuku River confluence at approx. NZMS 260 S20:080-903 to source	UVA	✓	✓	✓	✓	√	✓	✓	✓	√	√					III	√	√	✓
	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	✓	✓	✓	✓	✓	✓	✓	✓		✓					III			
	Makara (Whau_3f)	Makara Stream from unnamed tributary confluence at approx. NZMS 260 S20:065-992 to source	UVA	✓	✓	✓			✓	✓	✓	✓						III	✓		



Table AB.1: S	urface Water^ M	anagement Values by <i>Sub-zone</i> *																			
Water	Sub-zone*	Sub-road Description				Zone	wide V	alues						S	ite/Re	ach-s _l	pecific Va	alues			
Management Zone*	Sub-zone"	Sub-zone* Description1	LSC	AE	CR	Mau	IA ²	 2	SW	El	CAP ³	NS	SOS-A	SOS-R	IS	WM	SOS-C	TF	TS	WS	FC/D
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	√	√	√	√	✓	✓	√	√			√	~	√					✓
	Upper Turakina (Tura_1a)	Turakina River from Otairi at approx. NZMS 260 S22:236-471 to source	HSS	√	√	√	✓	✓	✓	√	√	√									
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 cross-river CMA boundary at NZMS 260 S23:2692145-6125465 seawards)	HSS	√	√	√	√	√	✓	√	~		✓	√							✓
	Ratana (Tura_1c)	Lakes Waipu and Oraekomiko and all surrounding catchment area	LM	✓	✓	✓	✓	✓	✓	✓	✓										
		Ol. B. (B.																			
	Upper Ohau (Ohau_1a)	Ohau River from Rongomatane at approx. NZMS 260 S25:072-577 to source	UHS	\	✓	✓	\	✓	✓	✓	✓	✓	✓					==	✓	\	✓
Ohau (Ohau_1)	Lower Ohau (Ohau_1b)	Ohau River 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 cross-river CMA boundary at NZMS 260 S25:2692921-6059503 seawards)	НМ	√	√	~	√	✓	√	√	~		√	√	✓	√		III	√	~	~
		Overhanne Diverset annual																			
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	√	√	✓	√	√	√	√	~		✓								
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	✓	✓	✓	✓	✓	√	√	✓		√	√							
Akitio	Upper Akitio	Akitio River from Weber Road at approx.	1100	√	,		√			√	,		1								1
(Akit_1)	(Akit_1a)	NZMS 260 U24:919-832 to source	HSS	✓	✓	✓	V	✓	√	✓	✓		✓								V



Table AB.1: S	urface Water^ M	anagement Values by Sub-zone*																			
Water	Sub-zone*	Sub-zone* Description1				Zone	-wide V	alues						Si	ite/Re	ach-s	ecific Va	lues			
Management Zone*	Sub-zone	Sub-zone Description.	LSC	AE	CR	Mau	IA ²] 2	SW	El	CAP ³	NS	SOS-A	SOS-R	IS	WM	SOS-C	TF	TS	WS	FC/D
	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 cross-river CMA boundary at NZMS 260 U25:2799657-6061852 seawards)	HSS	✓	~	✓	✓	✓	✓	✓	✓		~		√	✓					✓
	Waihi (Akit_1c)	Waihi Stream from Akitio River confluence at approx. NZMS 260 U24:895-801 to source	HSS	✓	✓	✓	✓	✓	√	√	~									√	
Northern Coastal (West_1)	Northern Coastal (West_1)	All coastal catchments and dune lakes between Kai lwi and Waitotara catchments	LM	✓	✓	✓	✓	√	√	√	√		~		√	~					
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	√	✓	√	√	✓	√	√	✓	√			✓	✓					
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	√	√	1	√	√	√	√	√		✓		✓	✓					
Kaitoke Lakes (West_4)	Kaitoke Lakes (West_4)	Lakes Kaitoke, Pauri, Wiritoa, Kohata and all surrounding catchment area	LM	✓	√	✓	√	√	√	√	√				✓	√		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	✓	✓	✓	✓	✓	√	√	✓		√		✓	√					✓
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	√	✓	*	✓	√	✓	√	√		✓		✓	✓					✓
Waitarere (West_7)	Waitarere (West_7)	All lakes and lagoons between Coastal Manawatu and Lake Horowhenua catchment and all surrounding catchment area	LS	√	/	✓	✓	✓	✓	√	✓										



Water Management Zone*	Sub-zone*	Sub-zone* Description ¹	Zone-wide Values								Site/Reach-specific Values										
			LSC	AE	CR	Mau	IA ²	 2	SW	El	CAP ³	NS	SOS-A	SOS-R	IS	WM	SOS-C	TF	TS	WS	FC/D
Lake Papaitonga (West_8)	Lake Papaitonga (West_8)	Lake Papaitonga catchment	LS	✓	✓	✓	✓	✓	✓	✓	√		✓		✓	✓					✓
Waikawa (West_9)	Waikawa (West_9a)	Waikawa Stream at 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)	НМ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						✓	✓
	Manakau (West_9b)	Manakau Stream from Waikawa Stream confluence at approx. NZMS 260 S25:946-549 to source	НМ	√	√	√	√	√	✓	√	√	√									✓
	1 1 11 1																				
Lake Horowhenua (Hoki_1)	Lake Horowhenua (Hoki_1a)	Whole lake catchment above Hokio Stream outlet	LM	✓	✓	✓	✓	✓	✓	✓	✓		✓								✓
	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	✓	✓	√	√	√	√	√	√				✓	√					✓

[Formerly POP Table D.2 at D-3 to D-10]

