
Schedule AB Part AB.1 - Track Changes - Marked up from Court Assisted Mediation

These track changes are what MWRC considers are the matters agreed or nearly agreed on the basis of memoranda filed in mediation between 1 June and October 2011.

PLEASE NOTE:

- These track changes have no formal status unless consent orders have been signed off by the Environment Court (Chapter 17 only as at 3 March 2011).
- The base document for these files is the *Proposed One Plan as Amended by Decisions*.
- Chapters 1, 2, 5, 8, 10, 10A, 18 and Schedules A, B, C, D, G and H are either not subject to appeal or mediation agreements as at 31 October 2011 resulted in no changes.
- Where positions were reserved and there is uncertainty about subsequent resolution, it is noted as a comment in the document.
- We are happy to receive feedback from any party on the content.

Track changes considered by MWRC to be agreed are identified by **yellow highlight**. Track changes made by Consent Order are highlighted in **light blue highlight** (applies to Chapter 17 only). **Greyed out** Māori translations need to be updated once amendments are confirmed by consent order.

Words to be added are shown in underline and words to be deleted are shown in ~~strike through~~.

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.

SCHEDULE AB INDEX:

Section	Page Numbers
Part AB.1: Surface <i>Water</i>[^] Management Values listed by <i>Sub-zone</i>[*]	AB-3 - AB-14
Part AB.2: Where Specific Surface <i>Water</i>[^] Management Values Apply	
Zone-wide values (except for LSC)	Not mapped
Life-supporting Capacity (LSC) Value	AB-15
Natural State (NS) Value	AB-17 - AB-19
Sites of Significance - Aquatic (SOS-A) Value	AB-21 - AB-31
Sites of Significance - Riparian (SOS-R) Value	AB-33 - AB-37
Inanga Spawning (IS) Value	AB-39 - AB-42
<i>Whitebait</i> [*] Migration (WM) Value	AB-43 - AB-46
Sites of Significance - Cultural (SOS-C) Value	AB-47 - AB-49
Trout Fishery (TF) Value	AB-51 - AB-59
Trout Spawning (TS) Value	AB-61 - AB-71
<i>Water</i> [^] Supply (WS) Value	AB-73 - AB-80
Flood Control and Drainage (FC/D) Value	AB-81 - AB-106
<i>Amenity Value in the Manawatu (Am) Value</i>	AB-109 – AB112
Part AB.3: Surface <i>Water</i>[^] Management Values Key (fold-out)	AB-1 13

Part AB.1: Surface Water[^] 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; **Am: Amenity**; 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 - 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: Surface Water [^] Management Values by Sub-zone*																						
Water Management Zone*	Sub-zone*	Sub-zone* Description ¹	Zone-wide Values										Site/Reach-specific Values									
			LSC	AE	CR	Mau	IA ²	I ²	SW	EI	CAP ³	NS	SOS-A	SOS-R	IS	Am	WM	SOS-C	TF	TS	WS	FC/D
Upper Manawatu (Mana_1)	Upper Manawatu (Mana_1a)	Manawatu River from Weber Road at approx. NZMS 260 U23:751-027 to source	HM	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü				II	ü	ü
	Mangatewainui (Mana_1b)	Mangatewainui River from Manawatu River confluence at approx. NZMS 260 U23:829-086 to source	HM	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü				II	ü	ü
	Mangatoro (Mana_1c)	Mangatoro Stream from Manawatu River confluence at approx. NZMS 260 U23:810-027 to source	HSS	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü				II	ü	ü
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	HM	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü				II		ü
	Mangatera (Mana_2b)	Mangatera Stream from Manawatu River confluence at approx. NZMS 260 U23:737-025 to source	HM	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü					ü	ü
Upper Tamaki (Mana_3)	Upper Tamaki (Mana_3)	Tamaki River from water supply weir at approx. NZMS 260 U23:709-111 to source	UHS	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü					ü	ü

¹ Includes all inflowing tributaries and surrounding catchment area unless otherwise specified.
² All natural *water bodies*^{*} except those classified as NS and those identified as zero allocation in Schedule B.
³ All natural *water bodies*^{*} and their *beds*[^] except those classified as NS.

Table AB.1: Surface Water [^] Management Values by Sub-zone*																					
Water Management Zone*	Sub-zone*	Sub-zone* Description ¹	Zone-wide Values									Site/Reach-specific Values									
			LSC	AE	CR	Mau	IA ²	I ²	SW	EI	CAP ³	NS	SOS-A	SOS-R	IS	Am	WM	SOS-C	TF	TS	WS
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	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü							ü
Tamaki-Hopelands (Mana_5)	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	HM	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü					II	ü	ü
	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	HM	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü						ü	ü
	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	HM	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü						ü	ü
	Oruakeretaki (Mana_5d)	Oruakeretaki Stream from Manawatu River confluence at approx. NZMS 260 T23:690-000 to source	HM	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü						ü	ü
	Raparapawai (Mana_5e)	Raparapawai Stream from Manawatu River confluence at approx. NZMS 260 T24:643-932 to source	HM	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü						ü	ü
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	HM	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü			ü	ü	II		ü
Tiraumea (Mana_7)	Upper Tiraumea (Mana_7a)	Tiraumea River from Makuri River confluence at approx. NZMS 260 T24:578-780 to source	HSS	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü					III		ü
	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	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü				III		
	Mangaone River (Mana_7c)	Mangaone River from Tiraumea River confluence at approx. NZMS 260 T24:541-730 to source	HSS	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü							ü
	Makuri (Mana_7d)	Makuri River from Tiraumea River confluence at approx. NZMS 260 T24:568-771 to source	ULI	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü					II	ü	

Table AB.1: Surface Water [^] Management Values by Sub-zone*																						
Water Management Zone*	Sub-zone*	Sub-zone* Description ¹	Zone-wide Values									Site/Reach-specific Values										
			LSC	AE	CR	Mau	IA ²	I ²	SW	EI	CAP ³	NS	SOS-A	SOS-R	IS	Am	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	ü	ü	ü	ü	ü	ü	ü	ü										ü	
Mangatainoka (Mana_8)	Upper Mangatainoka (Mana_8a)	Mangatainoka River from Larsons Road at approx. NZMS 260 T25:308-595 to source	UHS	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü						II	ü	ü	ü
	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	HM	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü						II	ü	ü	ü
	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	HM	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü		ü		ü		II	ü	ü	ü
	Makakahi (Mana_8d)	Makakahi River from Mangatainoka River confluence at approx. NZMS 260 T24:475-775 to source	HM	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü						II	ü	ü	ü
Upper Gorge (Mana_9)	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	HM	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü				III			ü
	Mangapapa (Mana_9b)	Mangapapa Stream from Mangaatua Stream confluence at approx. NZMS 260 T24:515-922 to source	HM	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü							ü	ü	ü
	Mangaatua (Mana_9c)	Mangaatua Stream from Manawatu River confluence at approx. NZMS 260 T24:496-925 to source	HM	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü									ü
	Upper Mangahao (Mana_9d)	Mangahao River from Ballance at approx. NZMS 260 T24:468-818 to source	UHS	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü		ü		III	ü		ü
	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	HM	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü		ü				III	ü		ü
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	HM	ü	ü	ü	ü	ü	ü	ü	ü	ü		ü	ü		ü		III			ü

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Water Management Zone*	Sub-zone*	Sub-zone* Description ¹	Zone-wide Values									Site/Reach-specific Values											
			LSC	AE	CR	Mau	IA ²	I ²	SW	EI	CAP ³	NS	SOS-A	SOS-R	IS	Am	WM	SOS-C	TF	TS	WS	FC/D	
	Upper Pohangina (Mana_10b)	Pohangina River from Totara Reserve at approx. NZMS 260 T23:534-167 to source	UHS	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü				III	ü		ü	
	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	HM	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü				III	ü		ü	
	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	HM	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü			ü	III			ü	
	Aokautere (Mana_10e)	Aokautere Stream from Manawatu River confluence at approx. NZMS 260 T24:349-899 to source	HM	ü	ü	ü	ü	ü	ü	ü	ü												
Lower Manawatu (Mana_11)	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	HM	ü	ü	ü	ü	ü	ü	ü	ü			ü			ü	III				ü	
	Turitea (Mana_11b)	Turitea Stream from Manawatu River confluence at approx. NZMS 260 T24:304-881 to source	UHS	ü	ü	ü	ü	ü	ü	ü	ü			ü			ü	III	ü	ü			
	Kahuterawa (Mana_11c)	Kahuterawa Stream from Manawatu River confluence at approx. NZMS 260 S24:292-876 to source	UHS	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü				ü	III	ü				
	Upper Mangaone Stream (Mana_11d)	Mangaone Stream from Milson Line at approx. NZMS 260 T24:311-953 to source	LM	ü	ü	ü	ü	ü	ü	ü	ü											ü	
	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	ü	ü	ü	ü	ü	ü	ü	ü						ü						ü
	Main Drain (Mana_11f)	Main Drain catchment (including Taonui Stream) from Manawatu River confluence at approx. NZMS 260 S24:181-836 to source	LM	ü	ü	ü	ü	ü	ü	ü	ü			ü									ü
Oroua (Mana_12)	Upper Oroua (Mana_12a)	Oroua River from Almadale at approx. NZMS 260 T23:365-113 to source	HM	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü				III	ü	ü	ü	
	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	HM	ü	ü	ü	ü	ü	ü	ü	ü			ü					III		ü	ü	

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			LSC	AE	CR	Mau	IA ²	I ²	SW	EI	CAP ³	NS	SOS-A	SOS-R	IS	Am	WM	SOS-C	TF	TS	WS	FC/D	
	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	ü	ü	ü	ü	ü	ü	ü	ü					ü		III			ü		
	Kiwitea (Mana_12d)	Kiwitea Stream from Oroua River confluence at approx. NZMS 260 T23:309-066 to source	HM	ü	ü	ü	ü	ü	ü	ü	ü	ü			ü					ü	ü	ü	
	Makino (Mana_12e)	Makino Stream from Oroua River confluence at approx. NZMS 260 S23:243-004 to source	LM	ü	ü	ü	ü	ü	ü	ü	ü	ü			ü				III	ü		ü	
Coastal Manawatu (Mana_13)	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	ü	ü	ü	ü	ü	ü	ü	ü			ü	ü	ü	ü		III			ü	
	Upper Tokomaru (Mana_13b)	Tokomaru River from Horseshoe Bend at approx. NZMS 260 S24:241-768 to source	UHS	ü	ü	ü	ü	ü	ü	ü	ü	ü							III	ü	ü		
	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	ü	ü	ü	ü	ü	ü	ü	ü			ü					III	ü	ü	ü	
	Mangaore (Mana_13d)	Mangaore River from Manawatu River confluence at approx. NZMS 260 S24:123-717 to source	HM	ü	ü	ü	ü	ü	ü	ü	ü	ü										ü	ü
	Koputaroa (Mana_13e)	Koputaroa Stream from Manawatu River confluence at approx. NZMS 260 S24:106-708 to source	LM	ü	ü	ü	ü	ü	ü	ü	ü			ü									ü
	Foxton Loop (Mana_13f)	Manawatu River from downstream limit of Whirikino Cut at approx. NZMS 260 S24:010-769 to SH1	LM	ü	ü	ü	ü	ü	ü	ü	ü				ü			ü					ü
Upper Rangitikei (Rang_1)	Upper Rangitikei (Rang_1)	Rangitikei River from Makahikatoa Stream at approx. NZMS 260 U21:726-888 to source	UHS	ü	ü	ü				ü	ü	ü	ü	ü					I	ü	ü		
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	ü	ü	ü	ü	ü	ü	ü	ü								I	ü	ü		

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			LSC	AE	CR	Mau	IA ²	I ²	SW	EI	CAP ³	NS	SOS-A	SOS-R	IS	Am	WM	SOS-C	TF	TS	WS	FC/D
	Pukeokahu – Mangaweka (Rang_2b)	Rangitikei River from Mangaweka at approx. NZMS 260 T22:504-513 to Pukeokahu at approx. NZMS 260 U21:713-708	HM	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü				I	ü	ü	
	Upper Moawhango (Rang_2c)	Moawhango River from Moawhango Dam at approx. NZMS 260 T20:469-960 to source	UVA	ü	ü	ü	ü			ü	ü	ü	ü						III	ü	ü	
	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	ü	ü	ü				ü	ü	ü							III	ü	ü	
	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	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü						III		ü	
	Upper Hautapu (Rang_2f)	Hautapu River from Taihape at approx. NZMS 260 T21:506-670 to source	UVM	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü						II	ü	ü	
	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	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü						III	ü	ü	
Lower Rangitikei (Rang_3)	Lower Rangitikei (Rang_3a)	Rangitikei River from Onepuhi at approx. NZMS 260 S23:201-222 to Mangaweka at approx. NZMS 260 T22:504-513	HM	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü				I/II	ü	ü	ü
	Makohine (Rang_3b)	Makohine Stream from Rangitikei River confluence at approx. NZMS 260 T22:400-443 to source	HSS	ü	ü	ü	ü	ü	ü	ü	ü	ü								ü	ü	
Coastal Rangitikei (Rang_4)	Coastal Rangitikei (Rang_4a)	Rangitikei River from McKelvies at approx. NZMS 260 S24:033-985 to Onepuhi at approx. NZMS 260 S23:201-222	HM	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü				III		ü	ü
	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	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü		III		ü	ü
	Porewa (Rang_4c)	Porewa Stream from Rangitikei River confluence at approx. NZMS 260 S23:190-212 to source	HSS	ü	ü	ü	ü	ü	ü	ü	ü	ü								ü	ü	ü
	Tutaenui (Rang_4d)	Tutaenui Stream from Rangitikei River confluence at approx. NZMS 260 S23:101-095 to source	LM	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü						ü	ü

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Water Management Zone*	Sub-zone*	Sub-zone* Description ¹	Zone-wide Values									Site/Reach-specific Values										
			LSC	AE	CR	Mau	IA ²	I ²	SW	EI	CAP ³	NS	SOS-A	SOS-R	IS	Am	WM	SOS-C	TF	TS	WS	FC/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	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü					III	ü	ü	
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	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü				ü	III	ü	ü	ü
	Upper Whakapapa (Whai_2b)	Whakapapa River from Footbridge at approx. NZMS 260 S19:226-293 to source	UVA	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü					II/III	ü	ü	
	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	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü				ü	II/III	ü	ü	
	Piopiotea (Whai_2d)	Piopiotea Stream from Whakapapa River confluence at approx. NZMS 260 S19:174-356 to source	UVA	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü					III	ü	ü	
	Pungapunga (Whai_2e)	Pungapunga River from Whanganui River confluence at approx. NZMS 260 S18:124-546 to source	UVM	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü					III	ü	ü	
	Upper Ongarue (Whai_2f)	Ongarue River from Waihuka Stream confluence at approx. NZMS 260 S18:108-785 to source	UVA	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü					II/III	ü	ü	
	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	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü				ü	III	ü		
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	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü					III			ü
Middle Whanganui (Whai_4)	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	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü					III			
	Upper Ohura (Whai_4b)	Ohura River from Tokorima at approx. NZMS 260 R18:863-521 to source	HSS	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü							ü	
	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	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü								

Table AB.1: Surface Water [^] Management Values by Sub-zone*																						
Water Management Zone*	Sub-zone*	Sub-zone* Description ¹	Zone-wide Values									Site/Reach-specific Values										
			LSC	AE	CR	Mau	IA ²	I ²	SW	EI	CAP ³	NS	SOS-A	SOS-R	IS	Am	WM	SOS-C	TF	TS	WS	FC/D
	Retaruke (Whai_4d)	Retaruke River from Whanganui River confluence at approx. NZMS 260 R19:890-309 to source	UVM	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü					III	ü		
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	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü					III			
	Tangarakau (Whai_5b)	Tangarakau River from Whanganui River confluence at approx. NZMS 260 R20:714-175 to source	HSS	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü								
	Whangamomona (Whai_5c)	Whangamomona River from Whanganui River confluence at approx. NZMS 260 R20:731-130 to source	HSS	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü								
	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	ü	ü	ü				ü	ü	ü	ü	ü					I			
	Makatote (Whai_5e)	Makatote River from Manganui o te Ao River confluence at approx. NZMS 260 S20:129-120 to source	UVA	ü	ü	ü				ü	ü	ü	ü	ü					I	ü		
	Waimarino (Whai_5f)	Waimarino Stream from Makatote River confluence at approx. NZMS 260 S20:129-120 to source	UVA	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü					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	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü					I	ü		
	Mangaturuturu (Whai_5h)	Mangaturuturu River from Manganui o te Ao River confluence at approx. NZMS 260 S20:057-067 to source	UVA	ü	ü	ü				ü	ü	ü	ü	ü					I			
	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	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü					I	ü		
	Orautoha (Whai_5j)	Orautoha Stream from Manganui o te Ao River confluence at approx. NZMS 260 S20:026-067 to source	UVM	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü					I	ü		

Table AB.1: Surface Water [^] Management Values by Sub-zone*																							
Water Management Zone*	Sub-zone*	Sub-zone* Description ¹	Zone-wide Values									Site/Reach-specific Values											
			LSC	AE	CR	Mau	IA ²	I ²	SW	EI	CAP ³	NS	SOS-A	SOS-R	IS	Am	WM	SOS-C	TF	TS	WS	FC/D	
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	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü				III		ü		
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	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü			III			ü	
	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	ü	ü	ü	ü	ü	ü	ü	ü			ü	ü	ü	ü		III			ü	
	Upokongaro (Whai_7c)	Upokongaro River from Whanganui River confluence at approx. NZMS 260 S22:908-463 to source	HSS	ü	ü	ü	ü	ü	ü	ü	ü			ü									
	Matarawa (Whai_7d)	Matarawa River from Whanganui River confluence at approx. NZMS 260 R22:857-403 to source	HSS	ü	ü	ü	ü	ü	ü	ü	ü				ü	ü	ü						ü
Upper Whangaehu (Whau_1)	Upper Whangaehu (Whau_1a)	Whangaehu River from Karioi at approx. NZMS 260 S21:218-864 to source	UVA	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü								
	Waitangi (Whau_1b)	Waitangi Stream from Whangaehu River confluence at approx. NZMS 260 T21:316-888 to source	UVM	ü	ü	ü	ü	ü	ü	ü	ü								III	ü	ü		
	Tokiahuru (Whau_1c)	Tokiahuru Stream from Whangaehu River confluence at approx. NZMS 260 S21:219-865 to source	UVA	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü				III	ü			
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	ü	ü	ü	ü	ü	ü	ü													
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	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü					III			ü	

Table AB.1: Surface Water [^] Management Values by Sub-zone*																						
Water Management Zone*	Sub-zone*	Sub-zone* Description ¹	Zone-wide Values										Site/Reach-specific Values									
			LSC	AE	CR	Mau	IA ²	I ²	SW	EI	CAP ³	NS	SOS-A	SOS-R	IS	Am	WM	SOS-C	TF	TS	WS	FC/D
	Upper Makotuku (Whau_3b)	Makotuku River from water supply weir at approx. NZMS 260 S20:103-011 to source	UVA	ü	ü	ü	ü	ü	ü	ü	ü	ü							III	ü	ü	
	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	ü	ü	ü	ü	ü	ü	ü	ü	ü							III	ü		
	Upper Mangawhero (Whau_3d)	Mangawhero River from Makotuku River confluence at approx. NZMS 260 S20:080-903 to source	UVA	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü						III	ü	ü	ü
	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	ü	ü	ü	ü	ü	ü	ü	ü	ü		ü					III			
	Makara (Whau_3f)	Makara Stream from unnamed tributary confluence at approx. NZMS 260 S20:065-992 to source	UVA	ü	ü	ü				ü	ü	ü	ü						III	ü		
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	ü	ü	ü	ü	ü	ü	ü	ü			ü	ü	ü	ü					ü
Turakina (Tura_1)	Upper Turakina (Tura_1a)	Turakina River from Otairi at approx. NZMS 260 S22:236-471 to source	HSS	ü	ü	ü	ü	ü	ü	ü	ü	ü										
	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	ü	ü	ü	ü	ü	ü	ü	ü		ü	ü								ü
	Rātana (Tura_1c)	Lakes Waipu and Oraekomiko and all surrounding catchment area	LM	ü	ü	ü	ü	ü	ü	ü	ü											
Ohau (Ohau_1)	Upper Ohau (Ohau_1a)	Ohau River from Rongomatane at approx. NZMS 260 S25:072-577 to source	UHS	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü						III	ü	ü	ü

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Water Management Zone*	Sub-zone*	Sub-zone* Description ¹	Zone-wide Values									Site/Reach-specific Values										
			LSC	AE	CR	Mau	IA ²	I ²	SW	EI	CAP ³	NS	SOS-A	SOS-R	IS	Am	WM	SOS-C	TF	TS	WS	FC/D
	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)	HM	ü	ü	ü	ü	ü	ü	ü	ü		ü	ü	ü	ü	ü		III	ü	ü	ü
	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	ü	ü	ü	ü	ü	ü	ü	ü		ü									
	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	ü	ü	ü	ü	ü	ü	ü	ü		ü	ü		ü						
Akitio (Akit_1)	Upper Akitio (Akit_1a)	Akitio River from Weber Road at approx. NZMS 260 U24:919-832 to source	HSS	ü	ü	ü	ü	ü	ü	ü	ü		ü									ü
	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	ü	ü	ü	ü	ü	ü	ü	ü		ü		ü	ü						ü
	Waihi (Akit_1c)	Waihi Stream from Akitio River confluence at approx. NZMS 260 U24:895-801 to source	HSS	ü	ü	ü	ü	ü	ü	ü	ü											ü
Northern Coastal (West_1)	Northern Coastal (West_1)	All coastal catchments and dune lakes between Kai Iwi and Waitotara catchments	LM	ü	ü	ü	ü	ü	ü	ü	ü		ü		ü	ü						
Kai Iwi (West_2)	Kai Iwi (West_2)	Kai Iwi Stream at approx. NZMS 260 R23:723-449 to source (excluding the mainstem of the Kai Iwi Stream from the cross-river CMA boundary at NZMS 260 R22:2672262-6145059 seawards)	HSS	ü	ü	ü	ü	ü	ü	ü	ü				ü	ü						

Table AB.1: Surface Water [^] Management Values by Sub-zone*																						
Water Management Zone*	Sub-zone*	Sub-zone* Description ¹	Zone-wide Values									Site/Reach-specific Values										
			LSC	AE	CR	Mau	IA ²	I ²	SW	EI	CAP ³	NS	SOS-A	SOS-R	IS	Am	WM	SOS-C	TF	TS	WS	FC/D
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	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü						
Kaitoke Lakes (West_4)	Kaitoke Lakes (West_4)	Lakes Kaitoke, Pauri, Wiritoa, Kohata and all surrounding catchment area	LM	ü	ü	ü	ü	ü	ü	ü	ü				ü	ü		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	ü	ü	ü	ü	ü	ü	ü	ü				ü	ü					ü	
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	ü	ü	ü	ü	ü	ü	ü	ü				ü	ü					ü	
Waitarere (West_7)	Waitarere (West_7)	All lakes and lagoons between Coastal Manawatu and Lake Horowhenua catchment and all surrounding catchment area	LS	ü	ü	ü	ü	ü	ü	ü	ü				ü							
Lake Papaitonga (West_8)	Lake Papaitonga (West_8)	Lake Papaitonga catchment	LS	ü	ü	ü	ü	ü	ü	ü	ü				ü	ü					ü	
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)	HM	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü					ü	ü
	Manakau (West_9b)	Manakau Stream from Waikawa Stream confluence at approx. NZMS 260 S25:946-549 to source	HM	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü								ü
Lake Horowhenua	Lake Horowhenua (Hoki_1a)	Whole lake catchment above Hoki Stream outlet	LM	ü	ü	ü	ü	ü	ü	ü	ü				ü						ü	

Table AB.1: Surface Water Management Values by Sub-zone*																						
Water Management Zone*	Sub-zone*	Sub-zone* Description¹	Zone-wide Values									Site/Reach-specific Values										
			LSC	AE	CR	Mau	IA²	I²	SW	EI	CAP³	NS	SOS-A	SOS-R	IS	Am	WM	SOS-C	TF	TS	WS	FC/D
(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	ü	ü	ü	ü	ü	ü	ü	ü				ü	ü	ü					ü

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