

Schedule B: Surface Water Quantity

USER GUIDE: How to use the contents of this schedule

Step 1: Identify which *Water Management Sub-zone*[^] your proposed abstraction lies in (go to Part 1 of Schedule Ba)

Step 2: Refer to Table B1 to identify which core allocation limits and minimum flows apply to your *Water Management Sub-zone*[^]

Table B1: Allocation Limits and Minimum Flows by <i>Water Management Sub-zone</i> [^]							
Zone code	Sub-zone	Sub-zone code	Minimum flow (m ³ /s)	Flow monitoring site	Flow monitoring site map reference location	Cumulative core allocation limit (m ³ /s)	
<u>Upper Manawatu (Mana_1)</u>	Upper Manawatu (Mana_1a)	Mana_1a	1.600	Manawatu at Weber Rd	U23:751-027 U23:751-027	0.204-0.205	
	Mangatewainui (Mana_1b)	Mana_1b	1.600	Manawatu at Weber Rd	U23:751-027 U23:751-027	0.063-0.065	
	Mangatoro (Mana_1c)	Mana_1c	0.702-0.700	Mangatoro at Mangahei Rd	U23:813-019 U23:813-019	0.204-0.120	
Whole zone (Mana_1)						0.204-0.205	
<u>Weber-Tamaki (Mana_2)</u>	Weber-Tamaki (Mana_2a)	Mana_2a	1.600	Manawatu at Weber Rd	U23:751-027 U23:751-027	0.251-0.250	
	Mangatera (Mana_2b)	Mana_2b	1.600	Manawatu at Weber Rd	U23:751-027 U23:751-027	0.047-0.045	
Catchment allocable volume (Mana_1 + Mana_2)						0.251-0.250	
<u>Upper Tamaki (Mana_3)</u>	Upper Tamaki (Mana_3)	Mana_3	0.238-0.240	Tamaki at Water Supply Weir	U23:709-111 U23:709-111	0.078-0.080	
<u>Upper Kumeti (Mana_4)</u>	Upper Kumeti (Mana_4)	Mana_4	0.055	Kumeti at Te Rehunga	T23:663-052 T23:663-052	0.005-0.010	
<u>Tamaki-Hopelands (Mana_5)</u>	Tamaki-Hopelands (Mana_5a)	Mana_5a	2.980	Manawatu at Hopelands	T24:616-899 T24:616-899	0.971-0.970	
	Lower Tamaki (Mana_5b)	Mana_5b	0.360	Tamaki at Stephensons	U23:707-022 U23:707-022	0.138-0.140	
	Cumulative allocable volume (Mana_3 + Mana_5b)						0.140
	Lower Kumeti (Mana_5c)	Mana_5c	0.055-2.980	Kumeti at Te Rehunga Manawatu at Hopelands	T23:663-052 T23:663-052	0.059-0.060	
Cumulative allocable volume (Mana_4 + Mana_5c)						0.060	

Table B1: Allocation Limits and Minimum Flows by *Water Management Sub-zone*[^]

Zone code	Sub-zone	Sub-zone code	Minimum flow (m ³ /s)	Flow monitoring site	Flow monitoring site map reference location	Cumulative core allocation limit (m ³ /s)
	Oruakeretaki (Mana_5d)	Mana_5d	0.293-0.208	Oruakeretaki at S.H.2 Napier	T23: 679-014 T23:679-014	0.105-0.158
	Raparapawai (Mana_5e)	Mana_5e	0.074-0.035	Raparapawai at Jacksons Rd	T24: 645-938 T24:645-938	0.024-0.015
<i>Catchment cumulative allocable volume (Mana_1 + Mana_2 + Mana_3 + Mana_4 + Mana_5)</i>						<i>0.971-0.970</i>
Hopelands-Tiraumea (Mana_6)	Hopelands-Tiraumea (Mana_6)	Mana_6	2.980	Manawatu at Hopelands	T24: 616-899 T24:616-899	1.049-1.050
<i>Catchment cumulative allocable volume (Mana_1 + Mana_2 + Mana_3 + Mana_4 + Mana_5 + Mana_6)</i>						<i>1.049-1.050</i>
Tiraumea (Mana_7)	Upper Tiraumea (Mana_7a)	Mana_7a	2.140-2.040	Tiraumea at Ngaturi	T24: 578-780 T24:578-780	0.475-0.040
	Lower Tiraumea (Mana_7b)	Mana_7b	2.140-2.040	Tiraumea at Ngaturi	T24: 578-780 T24:578-780	0.550-0.270
	Mangaone River (Mana_7c)	Mana_7c	MALF-2.040	Tiraumea at Ngaturi	T24:578-780	MALF-0.020
	Makuri (Mana_7d)	Mana_7d	2.160-1.700	Makuri at Tuscan Hills	T24: 583-717 T24:583-717	0.108-0.100
	<i>Cumulative allocable volume (Mana_7a + Mana_7c + Mana_7d)</i>					<i>0.100</i>
	Mangaramarama (Mana_7e)		2.040	Tiraumea at Ngaturi	T24:578-780	0.025
<i>Whole zZone (Mana_7)</i>						<i>0.550-0.270</i>
Mangatainoka (Mana_8)	Upper Mangatainoka (Mana_8a)	Mana_8a	0.400-0.370	Mangatainoka at Larsons Road	T25: 308-596 T25:308-596	0.060-0.020
	Middle Mangatainoka (Mana_8b)	Mana_8b	1.580-1.305	Mangatainoka at Pahiatua Town Bridge	T24: 501-802 T24:501-802	0.105-0.060
	Lower Mangatainoka (Mana_8c)	Mana_8c	1.580-1.305	Mangatainoka at Pahiatua Town Bridge	T24: 501-802 T24:501-802	0.289-0.305
	Makakahi (Mana_8d)	Mana_8d	0.345-0.320	Makakahi at Hamua	T25: 424-676 T25:424-676	0.052-0.015

Table B1: Allocation Limits and Minimum Flows by *Water Management Sub-zone*[^]

Zone code	Sub-zone	Sub-zone code	Minimum flow (m ³ /s)	Flow monitoring site	Flow monitoring site map reference location	Cumulative core allocation limit (m ³ /s)
	Cumulative allocable volume (Mana_8a + Mana_8b + Mana_8d)					0.060
	Mangaramarama	Mana_8e	1.580	Mangatainoka at Pahiatua Town Bridge	T24:501-802 T24:501-802	0.009
Whole Zone (Mana_8)						0.289-0.305
Catchment cumulative allocable volume (Mana_7 + Mana_8) Mangatainoka and Tiraumea (Mana_7 + Mana_8)						0.839-0.575
Upper Gorge (Mana_9)	Upper Gorge (Mana_9a)	Mana_9a	10.530 9.175	Manawatu at Upper Gorge	T24:494-933 T24:494-933	2.340-2.295
	Mangapapa (Mana_9b)	Mana_9b	0.023-0.035	Mangapapa at Troup Road	T24:520-922 T24:520-922	0.015
	Mangaatua (Mana_9c)	Mana_9c	MALF 0.070	Mangaatua at Hutchinsons	T24:581-932	20% of MALF 0.005
	Upper Mangahao (Mana_9d)	Mana_9d	MALF 1.415	Mangahao at Ballance	T24:468-818	20% of MALF 0.085
	Lower Mangahao (Mana_9e)	Mana_9e	MALF 1.415	Mangahao at Ballance	T24:468-818	20% of MALF 0.085
	Cumulative allocable volume (Mana_9d + Mana_9e)					0.085
Whole Zone (Mana_9)						2.295
Catchment cumulative allocable volume (Mana_1 + Mana_2 + Mana_3 + Mana_4 + Mana_5 + Mana_6 + Mana_7 + Mana_8 + Mana_9)						2.340-2.295
Middle Manawatu (Mana_10)	Middle Manawatu (Mana_10a)	Mana_10a	14.160 12.240	Manawatu at Teachers College	T24:331-892 T24:331-892	3.150-3.060
	Upper Pohangina (Mana_10b)	Mana_10b	MALF 1.960	Pohangina at Mais Reach	T23:467-053 T23:467-053	20% of MALF 0.115
	Middle Pohangina (Mana_10c)	Mana_10c	1.960	Pohangina at Mais Reach	T23:467-053 T23:467-053	0.460-0.455
	Cumulative allocable volume (Mana_10b + Mana_10c)					0.455
	Lower Pohangina (Mana_10d)	Mana_10d	1.960	Pohangina at Mais Reach	T23:467-053 T23:467-053	0.525-0.455
	Cumulative allocable volume (Mana_10b + Mana_10c + Mana_10d)					0.455

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Zone code	Sub-zone	Sub-zone code	Minimum flow (m ³ /s)	Flow monitoring site	Flow monitoring site map reference location	Cumulative core allocation limit (m ³ /s)	
	Aokautere (Mana_10e)	Mana_10e	MALF 12.240	Manawatu at Teachers College	T24:331-892	20% of MALF 0.005	
Whole Zone (Mana_10)						3.060	
Catchment cumulative allocable volume (Mana_1 + Mana_2 + Mana_3 + Mana_4 + Mana_5 + Mana_6 + Mana_7 + Mana_8 + Mana_9 + Mana_10)						3.150 3.060	
Lower Manawatu (Mana_11)	Lower Manawatu (Mana_11a)	Mana_11a	14.160 12.240	Manawatu at Teachers College	T24: 331-892 T24:331-892	3.180 3.890	
	Turitea (Mana_11b)	Mana_11b	0.050	Turitea at Ngahere Park	T24: 354-852 T24:354-852	0.264 0.265	
	Kahuterawa (Mana_11c)	Mana_11c	MALF 0.180	Kahuterawa at Johnsons Rata	T24:323-808	20% of MALF 0.010	
	Upper Mangaone Stream (Mana_11d)	Mana_11d	MALF 0.035	Mangaone at Milson Line	T24:311-953	20% of MALF 0.005	
	Lower Mangaone Stream (Mana_11e)	Mana_11e	MALF 0.035	Mangaone at Milson Line	T24:311-953	20% of MALF 0.010	
	Cumulative allocable volume (Mana_11d + Mana_11e)						0.015
	Main Drain (Mana_11f)	Mana_11f	12.240	Manawatu at Teachers College		20% of MALF*	
Whole Zone (Mana_11)						3.890	
Catchment cumulative allocable volume (Mana_1 + Mana_2 + Mana_3 + Mana_4 + Mana_5 + Mana_6 + Mana_7 + Mana_8 + Mana_9 + Mana_10 + Mana_11)						3.180 3.890	
Oroua (Mana_12)	Upper Oroua (Mana_12a)	Mana_12a	1.050 1.005	Oroua at Kawa Wool Oroua at Almadale	S23: 287-038 T23:365-113	0.405 0.395	
	Middle Oroua (Mana_12b)	Mana_12b	1.050 1.030	Oroua at Kawa Wool	S23: 287-038 S23:287-038	0.429 0.405	
	Lower Oroua (Mana_12c)	Mana_12c	1.050 0.070	Oroua at Kawa Wool Oroua at Awahuri Bridge	S23: 287-038 S23:243-002	0.530 0.430	
	Cumulative allocable volume (Mana_12a + Mana_12b + Mana_12c)						0.430
	Kiweitea (Mana_12d)	Mana_12d	0.145 0.150	Kiweitea at Haynes Line	T23: 366-207 T23:366-207	0.048 0.015	

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Zone code	Sub-zone	Sub-zone code	Minimum flow (m ³ /s)	Flow monitoring site	Flow monitoring site map reference location	Cumulative core allocation limit (m ³ /s)
	Makino (Mana_12e)	Mana_12e	0.080 0.075	Makino at Boness Road	S23: 254 023 S23:254-023	0.025 0.015
Cumulative allocable volume-Whole Zone (Mana_12)						0.530 0.430
Catchment cumulative allocable volume (Mana_1 + Mana_2 + Mana_3 + Mana_4 + Mana_5 + Mana_6 + Mana_7 + Mana_8 + Mana_9 + Mana_10 + Mana_11 + Mana_12)						3.710 4.320
Coastal Manawatu (Mana_13)	Coastal Manawatu (Mana_13a)	Mana_13a	12.588 12.240	Manawatu at Teachers College	T24: 331 892 T24:331-892	5.300 6.930
	Upper Tokomaru (Mana_13b)	Mana_13b	0.220 0.240	Tokomaru at Horseshoe Bend Tokomaru at Riverland Farm	S24: 241 768 S24:218-772	0.050 0.015
	Lower Tokomaru (Mana_13c)	Mana_13c	MALF 0.240	Tokomaru at Riverland Farm	S24:218-772	20% of MALF 0.170
	Cumulative allocable volume (Mana_13b + Mana_13c)					0.170
	Mangaore (Mana_13d)	Mana_13d	MALF	Mangaore at d/s Mangahao Power Station	S25:173-670	20% of MALF
	Koputaroa (Mana_13e)	Mana_13e	MALF 12.240	Manawatu at Teachers College	T24:331-892	20% of MALF 0.005
	Foxton Loop (Mana_13f)	Mana_13f	MALF Rule 15-5 applies			20% of MALF Rule 15-5 applies
Whole Zone (Mana_13)						6.930
Catchment cumulative allocable volume (Mana_1 + Mana_2 + Mana_3 + Mana_4 + Mana_5 + Mana_6 + Mana_7 + Mana_8 + Mana_9 + Mana_10 + Mana_11 + Mana_12 + Mana_13)						5.300 6.930
Upper Rangitikei (Rang_1)	Upper Rangitikei (Rang_1)	Rang_1	N/A			0.000
Middle Rangitikei (Rang_2)	Middle Rangitikei (Rang_2a)	Rang_2a	5.250 5.000	Rangitikei at Pukeokahu	U21: 713 708 U21:713-708	0.260 0.250
	Pukeohahu-Pukeokahu-Mangaweka (Rang_2b)	Rang_2b	12.790 12.250	Rangitikei at Mangaweka	T22: 504 513 T22:504-513	0.670 0.610
Cumulative allocable volume (Rang_2a + Rang_2b)						0.610

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Zone code	Sub-zone	Sub-zone code	Minimum flow (m ³ /s)	Flow monitoring site	Flow monitoring site map reference location	Cumulative core allocation limit (m ³ /s)
	Upper Moawhango (Rang_2c)	Rang_2c	0.600	Moawhango at Waiouru	T21:557-745	0.000
	Middle Moawhango (Rang_2d)	Rang_2d	0.600	Moawhango at Waiouru	T21:557-745	0.000
	Lower Moawhango (Rang_2e)	Rang_2e	MALF 0.600	Moawhango at Moawhango Moawhango at Waiouru	T21:557-745	5% of MALF 0.000
	Upper Hautapu (Rang_2f)	Rang_2f	0.745 0.640	Hautapu at Alabasters	T21:486-683 T21:486-683	0.112 0.115
	Lower Hautapu (Rang_2g)	Rang_2g	0.670 0.640	Hautapu at Alabasters	T21:486-683 T21:486-683	0.150
	Cumulative allocable volume (Rang_2f+ Rang_2g)					
Whole Zone (Rang_2)						0.610
Catchment cumulative allocable volume (Rang_1 + Rang_2)						0.670 0.610
Lower Rangitikei (Rang_3)	Lower Rangitikei (Rang_3a)	Rang_3a	14.550 12.100	Rangitikei at Onepuhi	S23:201-222 S23:201-222	1.510 1.640
	Makohine (Rang_3b)	Rang_3b	0.036 0.040	Makohine at Viaduct	T22:395-450 T22:395-450	0.008 0.010
Whole Zone (Rang_3)						1.640
Catchment cumulative allocable volume (Rang_1 + Rang_2 + Rang_3)						1.510 1.640
Coastal Rangitikei (Rang_4)	Coastal Rangitikei (Rang_4a)	Rang_4a	10.230	Rangitikei at McKelvies	S24:033-985 S24:033-985	6.410 2.475
	Tidal Rangitikei (Rang_4b)	Rang_4b	10.230	Rangitikei at McKelvies	S24:033-985 S24:033-985	6.410 3.300
	Porewa (Rang_4c)	Rang_4c	MALF 12.100	Rangitikei at Onepuhi	S23:201-222	20% of MALF 0.000
	Tutaenui (Rang_4d)	Rang_4d	MALF 10.230	Rangitikei at McKelvies	S24:033-985	20% of MALF 0.077
Whole Zone (Rang_4)						3.300

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Zone code	Sub-zone	Sub-zone code	Minimum flow (m ³ /s)	Flow monitoring site	Flow monitoring site map reference location	Cumulative core allocation limit (m ³ /s)
<i>Catchment cumulative allocable volume (Rang_1 + Rang_2 + Rang_3 + Rang_4)</i>						6.410 <u>3.300</u>
<u>Upper Whanganui (Whai_1)</u>	Upper Whanganui (Whai_1)	Whai-1	MALF*			20 <u>10</u> % of MALF*
<i>Cumulative allocable volume-Whole Zone (Whai_1)</i>						20% <u>10%</u> of MALF* of Whai_1
<u>Cherry Grove (Whai_2)</u>	Cherry Grove (Whai_2a)	Whai-2a	MALF*			20 <u>10</u> % of MALF*
	Upper Whakapapa (Whai_2b)	Whai-2b	MALF*			20 <u>10</u> % of MALF*
	Lower Whakapapa (Whai_2c)	Whai-2c	MALF*			20 <u>10</u> % of MALF*
	Piopioteo (Whai_2d)	Whai-2d	MALF*			20 <u>10</u> % of MALF*
	Pungapunga (Whai_2e)	Whai-2e	MALF*			20 <u>10</u> % of MALF*
	Upper Ongarue (Whai_2f)	Whai-2f	MALF*			20 <u>10</u> % of MALF*
	Lower Ongarue (Whai_2g)	Whai-2g	MALF*			20 <u>10</u> % of MALF*
<i>Whole Zone (Whai_2)</i>						20% <u>10%</u> of MALF*
<i>Catchment cumulative allocable volume (Whai_1 + Whai_2)</i>						20% of MALF of the point just downstream of the Ongarue-Whanganui confluence <u>10% of MALF</u>
<u>Te Maire (Whai_3)</u>	Te Maire (Whai_3)	Whai-3	MALF*			20 <u>10</u> % of MALF*
<i>Catchment cumulative allocable volume (Whai_1 + Whai_2 + Whai_3)</i>						20 <u>10</u> % of MALF*
<u>Middle Whanganui (Whai_4)</u>	Middle Whanganui (Whai_4a)	Whai-4a	MALF*			20 <u>10</u> % of MALF*

Table B1: Allocation Limits and Minimum Flows by *Water Management Sub-zone*[^]

Zone code	Sub-zone	Sub-zone code	Minimum flow (m ³ /s)	Flow monitoring site	Flow monitoring site map reference location	Cumulative core allocation limit (m ³ /s)
	Upper Ohura (Whai_4b)	Whai_4b	MALF*			2010% of MALF*
	Lower Ohura (Whai_4c)	Whai_4c	MALF*			2010% of MALF*
	Retaruke (Whai_4d)	Whai_4d	MALF*			2010% of MALF*
Whole Zone (Whai_4)						2010% of MALF*
<i>Catchment cumulative allocable volume (Whai_1 + Whai_2 + Whai_3 + Whai_4)</i>						20% of MALF of the point just downstream of the Ongarue Whanganui confluence-10% of MALF*
Pipiriki (Whai_5)	Pipiriki (Whai_5a)	Whai_5a	MALF*			2010% of MALF*
	Tangarakau (Whai_5b)	Whai_5b	MALF*			2010% of MALF*
	Whangamomona (Whai_5c)	Whai_5c	MALF*			2010% of MALF*
	Upper Manganui o te Ao (Whai_5d)	Whai_5d	N/A			0.000
	Makatote (Whai_5e)		N/A			0.000
	Waimarino (Whai_5f)		7 day MALF*			5% of 7 day MALF*
	Middle Manganui o te Ao (Whai_5g)		7 day MALF*			5% of 7 day MALF*
	Mangaturuturu (Whai_5h)		N/A			0.000
	Lower Manganui o te Ao (Whai_5i)	Whai_5e	7 day MALF*			5% of 7 day MALF*
	Orautoha (Whai_5i)		7 day MALF*			5% of 7 day MALF*

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Zone code	Sub-zone	Sub-zone code	Minimum flow (m ³ /s)	Flow monitoring site	Flow monitoring site map reference location	Cumulative core allocation limit (m ³ /s)
<u>Whole Zone (Whai_5)</u>						20% of MALF of Whai_5 10% of MALF
<u>Catchment cumulative allocable volume (Whai_1 + Whai_2 + Whai_3 + Whai_4 + Whai_5)</u>						20 10% of MALF*
<u>Paetawa (Whai_6)</u>	<u>Paetawa (Whai_6)</u>	<u>Whai_6</u>	MALF_			20 10% of MALF_
<u>Catchment cumulative allocable volume (Whai_1 + Whai_2 + Whai_3 + Whai_4 + Whai_5 + Whai_6)</u>						20 10% of MALF_
<u>Lower Whanganui (Whai_7)</u>	<u>Lower Whanganui (Whai_7a)</u>	<u>Whai_7a</u>	MALF_			20 10% of MALF_
	<u>Coastal Whanganui (Whai_7b)</u>	<u>Whai_7b</u>	MALF_			20 10% of MALF_
	<u>Upokongaro (Whai_7c)</u>	<u>Whai_7c</u>	MALF_			20 10% of MALF_
	<u>Matarawa (Whai_7d)</u>	<u>Whai_7d</u>	MALF_			20 10% of MALF_
<u>Whole Zone (Whai_7)</u>						20 10% of MALF_
<u>Catchment cumulative allocable volume (Whai_1 + Whai_2 + Whai_3 + Whai_4 + Whai_5 + Whai_6 + Whai_7)</u>						20 10% of MALF_
<u>Upper Whangaehu (Whau_1)</u>	<u>Upper Whangaehu (Whau_1a)</u>	<u>Whau_1a</u>	9.790 <u>8.700</u>	Whangaehu at Karioi	S21: 218-864 S21:218-864	2.175 <u>0.550</u>
	<u>Waitangi (Whau_1b)</u>	<u>Whau_1b</u>	0.475 <u>0.470</u>	Waitangi at Tangiwai	T21: 316-886 T21:316-886	0.105 <u>0.110</u>
	<u>Tokiahuru (Whau_1c)</u>	<u>Whau_1c</u>	4.340 <u>3.840</u>	Tokiahuru at Whangaehu Junction	S21: 217-870 S21:217-870	0.960 <u>0.480</u>
<u>Whole Zone (Whau_1)</u>						0.550
<u>Cumulative allocable volume (Whau_1)</u>						2.175
<u>Middle Whangaehu (Whau_2)</u>	<u>Middle Whangaehu</u>	<u>Whau_2</u>	MALF <u>9.650</u>	<u>Whangaehu at Aranui</u>	<u>S21:175-627</u>	20% of MALF <u>0.605</u>

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Zone code	Sub-zone	Sub-zone code	Minimum flow (m ³ /s)	Flow monitoring site	Flow monitoring site map reference location	Cumulative core allocation limit (m ³ /s)	
<i>Catchment cumulative allocable volume (Whau_1 + Whau_2)</i>						<i>20% of MALF of Whau 2 0.605</i>	
Lower Whangaehu (Whau_3)	Lower Whangaehu (Whau_3a)	Whau_3a	13.240 11.770	Whangaehu at Kauangaroa	S22-045-397 S22:045-397	2.940 1.470	
	Upper Makotuku (Whau_3b)	Whau_3b	0.100 0.095	Makotuku at SH49a Bridge Makotuku at Below Race Intake	S20-103-011 S20:091-002	0.023 0.029	
	Lower Makotuku (Whau_3c)	Whau_3c	MALF 0.165	Makotuku at Raetihi	S20:065-955	20% of MALF 0.044	
	Upper Mangawhero (Whau_3d)	Whau_3d	MALF 1.020	Mangawhero at Pakihi Road	S20:100-945	20% of MALF 0.240	
	Lower Mangawhero (Whau_3e)	Whau_3e	2.520 2.405	Mangawhero at Ore Ore (NIWA)	S21-045-794 S21:045-794	0.560 0.285	
	Makara (Whau_3f)		0.045	Makara at d/s Airstrip		0.000	
	Cumulative allocable volume (Whau_3b + Whau_3f)						0.029
	Cumulative allocable volume (Whau_3b + Whau_3c + Whau_3f)						0.044
<i>Whole Zone (Whau_3)</i>						<i>1.470</i>	
<i>Catchment cumulative allocable volume (Whau_1 + Whau_2 + Whau_3)</i>						<i>1.470</i>	
Coastal Whangaehu (Whau_4)	Coastal Whangaehu (Whau_4)	Whau_4	MALF 11.770	Whangaehu at Kauangaroa	S22:045-397	20% of MALF 1.470	
<i>Catchment cumulative allocable volume (Whau_1 + Whau_2 + Whau_3 + Whau_4)</i>						<i>20% of MALF of Whau 4 1.470</i>	
Turakina (Tura_1)	Upper Turakina (Tura_1a)	Tura_1a	0.345 0.340	Turakina at Otairi	S22-236-471 S22:236-471	0.075 0.035	
	Lower Turakina (Tura_1b)	Tura_1b	0.830 0.805	Turakina at O'Neills Bridge	S23-006-287 S23:006-287	0.185 0.145	
	Ratana (Tura_1c)	Tura_1c	MALF 0.805	Turakina at O'Neills Bridge	S23:006-287	20% of MALF	
<i>Whole Zone (Tura_1)</i>						<i>0.145</i>	

Table B1: Allocation Limits and Minimum Flows by *Water Management Sub-zone*[^]

Zone code	Sub-zone	Sub-zone code	Minimum flow (m ³ /s)	Flow monitoring site	Flow monitoring site map reference location	Cumulative core allocation limit (m ³ /s)
<i>Catchment cumulative allocable volume (Tura_1) Upper and Lower Turakina</i>						<i>0.185 0.145</i>
Ohau (Ohau_1)	Upper Ohau (Ohau_1a)	Ohau_1a	0.820	Ohau at Rongomatane	S25:072-577 S25:072-577	0.280
	Lower Ohau (Ohau_1b)	Ohau_1b	0.820	Ohau at Rongomatane	S25:072-577 S25:072-577	0.280
Whole Zone (Ohau_1)						0.280
<i>Catchment cumulative allocable volume (Ohau_1)</i>						<i>0.280</i>
Owahanga (Owha_1)	Owahanga (Owha_1)	Owha_1	0.0400_0.030	Owahanga at Branscombe Bridge	U25:893-587 U25:893-587	0.010 0.005
East Coast (East_1)	East Coast (East_1)	East_1	MALF*			20% of MALF*
Akitio (Akit_1)	Upper Akitio (Akit_1a)	Akit_1a	MALF 0.045	Akitio at Weber	U24:919-832	20% of MALF 0.010
	Lower Akitio (Akit_1b)	Akit_1b	MALF 0.145	Akitio at Mouth	U25:988-655	20% of MALF 0.030
	Waihi (Akit_1c)	Akit_1c	MALF 0.050	Waihi at S.H.52	U24:892-804	20% of MALF 0.015
<i>Catchment cumulative allocable volume (Akit_1)</i>						<i>20% of MALF of Akit_1b 0.030</i>
Northern Coastal (West_1)	Northern Coastal (West_1)	West_1	MALF*			20% of MALF*
Kai Iwi (West_2)	Kai Iwi (West_2)	West_2	0.470 0.445	Kai Iwi at Handley Road	R22:726-455 R22:726-455	0.105 0.045
Mowhanau (West_3)	Mowhanau (West_3)	West_3	MALF*			20% of MALF*
Kaitoke Lakes (West_4)	Kaitoke lakes (West_4)	West_4	MALF Rule 15-5 applies			20% of MALF Rule 15-5 applies

Table B1: Allocation Limits and Minimum Flows by *Water Management Sub-zone*[^]

Zone code	Sub-zone	Sub-zone code	Minimum flow (m ³ /s)	Flow monitoring site	Flow monitoring site map reference location	Cumulative core allocation limit (m ³ /s)
<u>Southern Whanganui Lakes (West_5)</u>	Southern Whanganui lakes (West_5)	West 5	MALF Rule 15-5 applies			20% of MALF Rule 15-5 applies
<u>Northern Manawatu Lakes (West_6)</u>	Northern Manawatu lakes (West_6)	West 6	MALF Rule 15-5 applies			20% of MALF Rule 15-5 applies
<u>Waitarere (West_7)</u>	Waitarere (West_7)	West 7	MALF*			20% of MALF*
<u>Lake Papaitonga (West_8)</u>	Lake Papaitonga (West_8)	West 8	MALF Rule 15-5 applies			20% of MALF Rule 15-5 applies
<u>Waikawa (West_9)</u>	Waikawa (West_9a)	West 9	MALF 0.220	<u>Waikawa at North Manakau Road</u>	<u>S25:987-530</u>	20% of MALF 0.070
	Manakau (West_9b)		0.040	<u>Manakau at S.H.1 Bridge</u>	<u>S25:968-512</u>	0.005
<u>Whole zone (West_9)</u>						0.070
<u>Lake Horowhenua (Hoki_1)</u>	Lake Horowhenua (Hoki_1a)	Hoki 1a	MALF Rule 15-5 applies			20% of MALF Rule 15-5 applies
	Hokio (Hoki_1b)	Hoki 1b	MALF*			20% of MALF*