SCHEDULE C: SURFACE WATER QUANTITY

Schedule C:
Surface Water Quantity

Schedule C: Surface Water Quantity

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

Schedule C only applies to rivers^.

How to use the contents of this schedule:

Step 1: Identify which *Water Management Sub-zone** your proposed abstraction lies in (go to Schedule A).

Step 2: Refer to Table C.1 to identify which cumulative core allocation limits and minimum flows apply to your Water Management Sub-zone*.

Advice Note:

In accordance with Policy 5-15(b), the taking of *water*\(^ for hydroelectricity generation that was lawfully established as at 31 May 2007 falls outside the cumulative core allocation limits and minimum flows in this Schedule.

The cumulative core allocation in any *Water Management Sub-zone** is only available where:

- (a) the point of take is downstream of the locations described in Table C.2 which identifies the location of infrastructure related to existing hydroelectricity generation schemes, or
- (b) the point of take is upstream of the locations described in the Table C.2 and the quantity of *water*^ to be taken is no more than was lawfully allocated to be taken upstream of those locations as at 31 May 2007.

able C.1: Cumulative Core Allocation Limits and Minimum Flows by Water Management Sub-zone*								
Water Management Zone*	Sub-zone*	Minimum flow (m³/s)	Flow monitoring site	Flow monitoring site location	Cumulative core allocation limit (m³/day)			
	Upper Manawatu (Mana_1a)	1.600	Manawatu at Weber Rd	U23:751-027	17,712			
Upper Manawatu (Mana_1)	Mangatewainui (Mana_1b)	1.600	Manawatu at Weber Rd	U23:751-027	5,616			
	Mangatoro (Mana_1c)	0.700	Mangatoro at Mangahei Rd	U23:813-019	10,368			



Water Management Zone*	Sub-zone*	Minimum flow (m³/s)	Flow monitoring site	Flow monitoring site location	Cumulative core allocation limit (m³/day)		
nole Zone (Mana_1)					17,172		
Weber-Tamaki	Weber-Tamaki (Mana_2a)	1.600	Manawatu at Weber Rd	U23:751-027	21,600		
(Mana_2)	Mangatera (Mana_2b)	1.600	Manawatu at Weber Rd	U23:751-027	3,888		
tchment cumulative allocable vo	olume (Mana_1 + Mana_2)				21,600		
Upper Tamaki (Mana_3)	Upper Tamaki (Mana_3)	0.240	Tamaki at Water Supply Weir	U23:709-111	6,912		
Upper Kumeti (Mana_4)	Upper Kumeti (Mana_4)	0.055	Kumeti at Te Rehunga	T24:616-899	864		
· = /	Tamaki-Hopelands (Mana_5a)	2.980	Manawatu at Hopelands	T24:616-899	83,808		
	Lower Tamaki (Mana_5b)	0.360	Tamaki at Stephensons	U23:707-022	12,096		
	Cumulative allocable volume (Mana_3 + Mana_5b)						
Tamaki-Hopelands (Mana_5)	Lower Kumeti (Mana_5c)	2.980	Manawatu at Hopelands	T24:616-899	5,184		
	Cumulative allocable vol	ume (Mana_4 + Mana_	5c)		5,184		
	Oruakeretaki (Mana_5d)	0.208	Oruakeretaki at SH2 Napier	T23:679-014	13,651		
	Raparapawai (Mana_5e)	0.035	Raparapawai at Jacksons Rd	T24:645-938	1,296		
tchment cumulative allocable vo	olume (Mana_1 + Mana_2 +	Mana_3 + Mana_4 +	Mana_5)		83,808		
Hopelands-Tiraumea (Mana_6)	Hopelands-Tiraumea (Mana_6)	2.980	Manawatu at Hopelands	T24:616-899	90,720		
tchment cumulative allocable vo	olume (Mana_1 + Mana_2 +	Mana_3 + Mana_4 +	Mana_5 + Mana_6)		90,720		
Tiraumea (Mana_7)	Upper Tiraumea (Mana_7a)	2.040	Tiraumea at Ngaturi	T24:578-780	3,456		



Table C.1: Cumulative Core Allocati	on Limits and Minimum Fl	ows by Water Manage	ement Sub-zone*		
Water Management Zone*	Sub-zone*	Minimum flow (m³/s)	Flow monitoring site	Flow monitoring site location	Cumulative core allocation limit (m³/day)
	Lower Tiraumea (Mana_7b)	2.040	Tiraumea at Ngaturi	T24:578-780	23,328
	Mangaone River (Mana_7c)	2.040	Tiraumea at Ngaturi	T24:578-780	1,728
	Makuri (Mana_7d)	1.700	Makuri at Tuscan Hills	T24:583-717	8,640
	Cumulative allocable vol	ume (Mana_7a + Mana	_7c + Mana_7d)		8,640
	Mangaramarama (Mana_7e)	2.040	Tiraumea at Ngaturi	T24:578-780	2,160
Whole Zone (Mana_7)					23,328
	Upper Mangatainoka (Mana_8a)	0.370	Mangatainoka at Larsons Road	T25:308-596	1,728
Managadainala	Middle Mangatainoka (Mana_8b)	1.305	Mangatainoka at Pahiatua Town Bridge	T24:501-802	5,184
Mangatainoka (Mana_8)	Lower Mangatainoka (Mana_8c)	1.305	Mangatainoka at Pahiatua Town Bridge	T24:501-802	27,913
	Makakahi (Mana_8d)	0.320	Makakahi at Hamua	T25:424-676	2,694
	Cumulative allocable vol	5,184			
Whole Zone (Mana_8)					27,913
Catchment cumulative allocable vo	lume Mangatainoka and Ti	raumea (Mana_7 + Ma	ana_8)		51,241
	Upper Gorge (Mana_9a)	9.175	Manawatu at Upper Gorge	T24:494-933	198,288
	Mangapapa (Mana_9b)	0.035	Mangapapa at Troup Road	T24:520-922	1,296
Upper Gorge (Mana_9)	Mangaatua (Mana_9c)	0.070	Mangaatua at Hutchinsons	T24:581-932	432
	Upper Mangahao (Mana_9d)	1.415	Mangahao at Ballance	T24:468-818	7,344
	Lower Mangahao (Mana_9e)	1.415	Mangahao at Ballance	T24:468-818	7,344



Table C.1: Cumulative Core Allocation	on Limits and Minimum F	lows by Water Manage	ment Sub-zone*				
Water Management Zone*	Sub-zone*	Minimum flow (m³/s)	Flow monitoring site	Flow monitoring site location	Cumulative core allocation limit (m³/day)		
	Cumulative allocable vo	lume (Mana_9d + Mana	ı_9e)		7,344		
/hole Zone (Mana_9)							
Catchment cumulative allocable vol	ume (Mana_1 + Mana_2 +	+ Mana_3 + Mana_4 +	Mana_5 + Mana_6 + Mana_7 + Mana_8 +	+ Mana_9)	198,288		
	Middle Manawatu (Mana_10a)	12.240	Manawatu at Teachers College	T24:331-892	264,384		
	Upper Pohangina (Mana_10b)	1.960	Pohangina at Mais Reach	T23:467-053	9,936		
Middle Manawatu	Middle Pohangina (Mana_10c)	1.960	Pohangina at Mais Reach	T23:467-053	39,312		
(Mana_10)	Cumulative allocable vo	Cumulative allocable volume (Mana_10b + Mana_10c)					
	Lower Pohangina (Mana_10d)	1.960	Pohangina at Mais Reach	T23:467-053	39,312		
	Cumulative allocable vo	39,312					
	Aokautere (Mana_10e)	12.240	Manawatu at Teachers College	T24:331-892	432		
Whole Zone (Mana_10)					264,384		
Catchment cumulative allocable vol	ume (Mana_1 + Mana_2 +	+ Mana_3 + Mana_4 +	Mana_5 + Mana_6 + Mana_7 + Mana_8 +	+ Mana_9 + Mana_10)	264,384		
	Lower Manawatu (Mana_11a)	12.240	Manawatu at Teachers College	T24:331-892	336,096		
	Turitea (Mana_11b)	0.041	Turitea at Ngahere Park	T24:354-852	37,100		
Lower Manawatu	Kahuterawa (Mana_11c)	0.180	Kahuterawa at Johnsons Rata	T24:323-808	864		
(Mana_11)	Upper Mangaone Stream (Mana_11d)	0.035	Mangaone at Milson Line	T24:311-953	432		
	Lower Mangaone Stream (Mana_11e)	0.035	Mangaone at Milson Line	T24:311-953	864		



Water Management Zone*	Sub-zone*	Minimum flow (m³/s)	Flow monitoring site	Flow monitoring site location	Cumulative core allocation limit (m³/day)		
	Cumulative allocable vo	lume (Mana_11d + Ma	na_11e)		1,296		
	Main Drain (Mana_11f)	12.240	Manawatu at Teachers College		10% of <i>MALF</i> *		
hole Zone (Mana_11)					336,096		
atchment cumulative allocable vo	lume (Mana_1 + Mana_2 +	· Mana_3 + Mana_4 +	Mana_5 + Mana_6 + Mana_7 + Mana_8 +	Mana_9 + Mana_10 + Mana_11)	336,096		
	Upper Oroua (Mana_12a)	1.005	Oroua at Almadale	T23:365-113	34,128		
	Middle Oroua (Mana_12b)	1.030	Oroua at Kawa Wool	S23:287-038	34,992		
Oroua	Lower Oroua (Mana_12c)	1.085	Oroua at Awahuri Bridge	S23:243-002	37,152		
(Mana_12)	Cumulative allocable volume (Mana_12a + Mana_12b + Mana_12c)						
	Kiwitea (Mana_12d)	0.150	Kiwitea at Haynes Line	T23:366-207	1,296		
	Makino (Mana_12e)	0.075	Makino at Boness Road	S23:254-023	1,296		
hole Zone (Mana_12)					37,152		
tchment cumulative allocable vo na_12)	olume (Mana_1 + Mana_2	+ Mana_3 + Mana_4	+ Mana_5 + Mana_6 + Mana_7 + Mana_8	+ Mana_9 + Mana_10 + Mana_11 +	373,248		
	Coastal Manawatu (Mana_13a)	12.240	Manawatu at Teachers College	T24:331-892	598,752		
	Upper Tokomaru (Mana_13b)	0.240	Tokomaru at Riverland Farm	S24:218-772	1,296		
Coastal Manawatu	Lower Tokomaru (Mana_13c)	0.240	Tokomaru at Riverland Farm	S24:218-772	14,688		
(Mana_13)	Cumulative allocable vo	lume (Mana_13b + Mar	na_13c)		14,688		
	Mangaore (Mana_13d)	MALF*	Mangaore at d/s Mangahao Power Station	S25:173-670	10% of <i>MALF</i> *		
	Koputaroa (Mana 13e)	12.240	Manawatu at Teachers College	T24:331-892	432		



Water Management Zone*	Sub-zone*	Minimum flow (m³/s)	Flow monitoring site	Flow monitoring site location	Cumulative core allocation limit (m³/day)		
	Foxton Loop (Mana_13f)	MALF*			10% of <i>MALF</i> *		
/hole Zone (Mana_13)					598,752		
atchment cumulative allocable vo ana_12 + Mana_13)	olume (Mana_1 + Mana_2 ·	+ Mana_3 + Mana_4 + N	Mana_5 + Mana_6 + Mana_7 + Mana_	8 + Mana_9 + Mana_10 + Mana_11 +	598,752		
Upper Rangitikei (Rang_1)	Upper Rangitikei (Rang_1)	n/a			0		
	Middle Rangitikei (Rang_2a)	5.000	Rangitikei at Pukeokahu	U21:713-708	21,600		
	Pukeokahu- Mangaweka (Rang_2b)	12.250	Rangitikei at Mangaweka	T22:504-513	52,704		
	Cumulative allocable vol	Cumulative allocable volume (Rang_2a + Rang_2b)					
Middle Rangitikei	Upper Moawhango (Rang_2c)	n/a		T21:557-745	0		
(Rang_2)	Middle Moawhango (Rang_2d)	n/a		T21:557-745	0		
	Lower Moawhango (Rang_2e)	n/a		T21:557-745	0		
	Upper Hautapu (Rang_2f)	0.640	Hautapu at Alabasters	T21:486-683	9,936		
	Lower Hautapu (Rang_2g)	0.640	Hautapu at Alabasters	T21:486-683	12,960		
	Cumulative allocable vol	ume (Rang_2f + Rang_2g	1)		12,960		
hole Zone (Rang_2)					52,704		
atchment cumulative allocable vo	olume (Rang_1 + Rang_2)				52,704		
Lower Rangitikei	Lower Rangitikei (Rang_3a)	12.100	Rangitikei at Onepuhi	S23:201-222	141,696		
(Rang_3)	Makohine (Rang_3b)	0.040	Makohine at Viaduct	T22:395-450	864		



Water Management Zone*	Sub-zone*	Minimum flow (m³/s)	Flow monitoring site	Flow monitoring site location	Cumulative core allocation limit (m³/day)
Vhole Zone (Rang_3)					141,696
atchment cumulative allocable vo	lume (Rang_1 + Rang_2 +	Rang_3)			141,696
	Coastal Rangitikei (Rang_4a)	10.230	Rangitikei at McKelvies	S24:033-985	213,840
Coastal Rangitikei	Tidal Rangitikei (Rang_4b)	10.230	Rangitikei at McKelvies	S24:033-985	285,120
(Rang_4)	Porewa (Rang_4c)	12.100	Rangitikei at Onepuhi	S23:201-222	0
	Tutaenui (Rang_4d)	10.230	Rangitikei at McKelvies	S24:033-985	6,653
hole Zone (Rang_4)					285,120
atchment cumulative allocable vo	lume (Rang_1 + Rang_2 +	Rang_3 + Rang_4)			285,120
Upper Whanganui (Whai_1)	Upper Whanganui (Whai_1)	26.6	Whanganui at Te Maire		518
hole Zone (Whai_1)					518
	Cherry Grove (Whai_2a)	26.6	Whanganui at Te Maire		15,121
	Upper Whakapapa (Whai_2b)	26.6	Whanganui at Te Maire		3,937
	Lower Whakapapa (Whai_2c)	26.6	Whanganui at Te Maire		5,517
Cherry Grove (Whai_2)	Piopiotea (Whai_2d)	26.6	Whanganui at Te Maire		80
, ,	Pungapunga (Whai_2e)	26.6	Whanganui at Te Maire		0
	Upper Ongarue (Whai_2f)	26.6	Whanganui at Te Maire		1,270
	Lower Ongarue (Whai_2g)	26.6	Whanganui at Te Maire		1,422



Table C.1: Cumulative Core Allocati	ion Limits and Minimum Fl	lows by <i>Water Manage</i>	ement Sub-zone*		
Water Management Zone*	Sub-zone*	Minimum flow (m³/s)	Flow monitoring site	Flow monitoring site location	Cumulative core allocation limit (m³/day)
Whole Zone (Whai_2)				•	15,121
Catchment cumulative allocable vo	lume (Whai_1 + Whai_2)				15,121
Te Maire (Whai_3)	Te Maire (Whai_3)	MALF*			10% of <i>MALF</i> *
Catchment cumulative allocable vo	lume (Whai_1 + Whai_2 + l	Whai_3)			10% of <i>MALF</i> *
	Middle Whanganui (Whai_4a)	MALF*			10% of <i>MALF</i> *
Middle Whanganui	Upper Ohura (Whai_4b)	MALF*			10% of <i>MALF</i> *
(Whai_4)	Lower Ohura (Whai_4c)	MALF*			10% of <i>MALF</i> *
	Retaruke (Whai_4d)	MALF*			10% of <i>MALF</i> *
Whole Zone (Whai_4)					10% of <i>MALF</i> *
Catchment cumulative allocable vo	, – –	Whai_3 + Whai_4)			10% of MALF*
	Pipiriki (Whai_5a)	MALF*			10% of <i>MALF</i> *
	Tangarakau (Whai_5b)	MALF*			10% of <i>MALF</i> *
Pipiriki	Whangamomona (Whai_5c)	MALF*			10% of <i>MALF</i> *
(Whai_5)	Upper Manganui o te Ao (Whai_5d)	n/a			0
	Makatote (Whai_5e)	n/a			0
	Waimarino (Whai_5f)	7 day <i>MALF</i> *			5% of 7 day MALF*



Table C.1: Cumulative Core Allocati	on Limits and Minimum F	lows by <i>Water Manage</i>	ement Sub-zone*		
Water Management Zone*	Sub-zone*	Minimum flow (m³/s)	Flow monitoring site	Flow monitoring site location	Cumulative core allocation limit (m³/day)
	Middle Manganui o te Ao (Whai_5g)	7 day <i>MALF</i> *			5% of 7 day <i>MALF</i> *
	Mangaturuturu (Whai_5h)	n/a			0
	Lower Manganui o te Ao (Whai_5i)	7 day <i>MALF</i> *			5% of 7 day MALF*
	Orautoha (Whai_5j)	7 day <i>MALF</i> *			5% of 7 day <i>MALF</i> *
Whole Zone (Whai_5)					10% of <i>MALF</i> *
Catchment cumulative allocable vol	lume (Whai_1 + Whai_2 +	Whai_3 + Whai_4 +	Whai_5)		10% of MALF*
Paetawa (Whai_6)	Paetawa (Whai_6)	MALF*			10% of <i>MALF</i> *
Catchment cumulative allocable vo	lume (Whai_1 + Whai_2 +	Whai_3 + Whai_4 +	Whai_5 + Whai_6)		10% of MALF*
	Lower Whanganui (Whai_7a)	MALF*			10% of <i>MALF</i> *
Lower Whanganui	Coastal Whanganui (Whai_7b)	MALF*	+ Whai_4 + Whai_5) MALF* + Whai_4 + Whai_5 + Whai_6) MALF* MALF*	10% of <i>MALF</i> *	
(Whai_7)	Upokongaro (Whai_7c)	MALF*		hai_6 + Whai_7) Whangaehu at Karioi Flow monitoring site location Flow monitoring site location S21:218-864	10% of <i>MALF</i> *
	Matarawa (Whai_7d)	MALF*			10% of <i>MALF</i> *
Whole Zone (Whai_7)					10% of <i>MALF</i> *
Catchment cumulative allocable vol	lume (Whai_1 + Whai_2 +	Whai_3 + Whai_4 +	Whai_5 + Whai_6 + Whai_7)		10% of MALF*
Upper Whangaehu	Upper Whangaehu (Whau_1a)	8.700	Whangaehu at Karioi	S21:218-864	47,520
(Whau_1)	Waitangi (Whau_1b)	0.470	Waitangi at Tangiwai	T21:316-886	9,504



Table C.1: Cumulative Core Allocati	on Limits and Minimum Fl	ows by Water Manage	ement Sub-zone*			
Water Management Zone*	Sub-zone*	Minimum flow (m³/s)	Flow monitoring site	Flow monitoring site location	Cumulative core allocation limit (m³/day)	
	Tokiahuru (Whau_1c)	3.840	Tokiahuru at Junction	S21:217-870	41,472	
Whole Zone (Whau_1)					47,520	
Middle Whangaehu (Whau_2)	Middle Whangaehu	9.650	Whangaehu at Aranui	S21:175-627	52,272	
Catchment cumulative allocable vo	lume (Whau_1 + Whau_2)				52,272	
	Lower Whangaehu (Whau_3a)	11.770	Whangaehu at Kauangaroa	S22:045-397	127,008	
	Upper Makotuku (Whau_3b)	0.095	Makotuku at Below Race Intake	S20:091-002	2,506	
	Lower Makotuku (Whau_3c)	0.165	Makotuku at Raetihi	S20:065-955	3,802	
Lower Whangaehu (Whau_3)	Upper Mangawhero (Whau_3d)	1.020	Mangawhero at Pakihi Road	S20:100-945	20,736	
(Lower Mangawhero (Whau_3e)	2.405	Mangawhero at Ore Ore	S21:045-794	24,624	
	Makara (Whau_3f)	0.045	Makara at d/s Airstrip		0	
	Cumulative allocable volume (Whau_3b + Whau_3f)					
	Cumulative allocable vol	ume (Whau_3b + Wha	u_3c + Whau_3f)		3,802	
Vhole Zone (Whau_3)					127,008	
Catchment cumulative allocable vo	lume (Whau_1 + Whau_2 +	· Whau_3)			127,008	
Coastal Whangaehu (Whau_4)	Coastal Whangaehu (Whau_4)	11.770	Whangaehu at Kauangaroa	S22:045-397	127,008	
Catchment cumulative allocable vo	lume (Whau_1 + Whau_2 -	+ Whau_3 + Whau_4)			127,008	
Turakina	Upper Turakina (Tura_1a)	0.340	Turakina at Otairi	S22:236-471	3,024	
(Tura_1)	Lower Turakina (Tura_1b)	0.805	Turakina at O'Neills Bridge	S23:006-287	12,528	



Table C.1: Cumulative Core Allocation	on Limits and Minimum F	lows by Water Manage	ement Sub-zone*		
Water Management Zone*	Sub-zone*	Minimum flow (m³/s)	Flow monitoring site	Flow monitoring site location	Cumulative core allocation limit (m³/day)
	Ratana (Tura_1c)	0.805	Turakina at O'Neills Bridge	S23:006-287	10% of MALF
Whole Zone (Tura_1)					12,528
Catchment cumulative allocable vol	ume (Tura_1)				12,528
Ohau	Upper Ohau (Ohau_1a)	0.820	Ohau at Rongomatane	S25:072-577	24,192
(Ohau_1)	Lower Ohau (Ohau_1b)	0.820	Ohau at Rongomatane	S25:072-577	24,192
Whole Zone (Ohau_1)					24,192
Catchment cumulative allocable vol	ume (Ohau_1)				24,192
Owahanga (Owha_1)	Owahanga (Owha_1)	0.030	Owahanga at Branscombe Bridge	U25:893-587	432
East Coast (East_1)	East Coast (East_1)	MALF*			10% of <i>MALF</i> *
	Upper Akitio (Akit_1a)	0.045	Akitio at Weber	U24:919-832	864
Akitio (Akit_1)	Lower Akitio (Akit_1b)	0.145	Akitio at Mouth	U25:988-655	2,592
	Waihi (Akit_1c)	0.050	Waihi at SH52	U24:892-804	1,296
Catchment cumulative allocable vol	ume (Akit_1)				2,592
Northern Coastal (West_1)	Northern Coastal (West_1)	MALF*			10% of <i>MALF</i> *
Kai lwi (West_2)	Kai lwi (West_2)	0.445	Kai lwi at Handley Road	R22:726-455	3,888
Mowhanau (West_3)	Mowhanau (West_3)	MALF*			10% of <i>MALF</i> *
Kaitoke Lakes (West_4)	Kaitoke Lakes (West_4)	MALF*			10% of <i>MALF</i> *



Table C.1: Cumulative Core Allocation Limits and Minimum Flows by Water Management Sub-zone*							
Water Management Zone*	Sub-zone*	Minimum flow (m³/s)	Flow monitoring site	Flow monitoring site location	Cumulative core allocation limit (m³/day)		
Southern Whanganui Lakes (West_5)	Southern Whanganui Lakes (West_5)	MALF*			10% of <i>MALF</i> *		
Northern Manawatu Lakes (West_6)	Northern Manawatu Lakes (West_6)	MALF*			10% of <i>MALF</i> *		
Waitarere (West_7)	Waitarere (West_7)	MALF*			10% of <i>MALF</i> *		
Lake Papaitonga (West_8)	Lake Papaitonga (West_8)	MALF*			10% of <i>MALF</i> *		
Waikawa	Waikawa (West_9a)	0.220	Waikawa at North Manakau Road	S25:987-530	6,048		
(West_9)	Manakau (West_9b)	0.040	Manakau at SH1 Bridge	S25:968-512	432		
Whole zone (West_9)					6,048		
Lake Horowhenua	Lake Horowhenua (Hoki_1a)	MALF*			10% of <i>MALF</i> *		
(Hoki_1)	Hokio (Hoki_1b)	MALF*			10% of MALF*		

Water Management Zone*	Sub-zone*	Intake/Dam Name	Locality Descriptions
Middle Rangitikei (Rang_2)	Upper Moawhango (Rang_2)	Moawhango Dam	T20:472-962
Upper Whanganui (Whai_1)	Upper Whanganui (Whai_1)	Okupata Intake	S19:287-351
Upper Whanganui (Whai_1)	Upper Whanganui (Whai_1)	Taurewa Intake	T19:305-356
Upper Whanganui (Whai_1)	Upper Whanganui (Whai_1)	Tawhitikuri Intake	T19:311-359



Water Management Zone*	Sub-zone*	Intake/Dam Name	Locality Descriptions
Upper Whanganui (Whai_1)	Upper Whanganui (Whai_1)	Mangatepopo Intake	T19:313-361
Upper Whanganui (Whai_1)	Upper Whanganui (Whai_1)	Whanganui Intake	T19:353-386
Upper Whanganui (Whai_1)	Upper Whanganui (Whai_1)	Te Whaiau Dam	T19:357-398
Upper Whanganui (Whai_1)	Upper Whanganui (Whai_1)	Otamangakau Dam	T19:367-410
Cherry Grove (Whai_2)	Upper Whakapapa (Whai_2b)	Whakapapa Intake minimum flow site (footbridge)	S19:226-295
Te Maire (Whai_3)	Te Maire (Whai_3)	Whanganui River at Te Maire	S19:998-490
Upper Whangaehu (Whau_1)	Upper Whangaehu (Whau_1a)	Makahikatoa	T20:401-984
Upper Whangaehu (Whau_1)	Upper Whangaehu (Whau_1a)	Unnamed tributary of the Whangaehu River	T20:404-984
Upper Whangaehu (Whau_1)	Upper Whangaehu (Whau 1a)	Unnamed tributary of the Whangaehu River	T20:407-985
Upper Whangaehu (Whau_1)	Upper Whangaehu (Whau_1a)	Unnamed tributary of the Whangaehu River	T20:409-985
Upper Whangaehu (Whau_1)	Upper Whangaehu (Whau 1a)	Unnamed tributary of the Whangaehu River	T20:419-985
Upper Whangaehu (Whau_1)	Upper Whangaehu (Whau_1a)	Unnamed tributary of the Whangaehu River	T20:424-985
Upper Whangaehu (Whau_1)	Upper Whangaehu (Whau_1a)	Unnamed tributary of the Wahianoa River	T20:393-986
Upper Whangaehu (Whau_1)	Upper Whangaehu (Whau_1a)	Unnamed tributary of the Wahianoa River	T20:393-986
Upper Whangaehu (Whau_1)	Upper Whangaehu (Whau_1a)	Unnamed tributary of the Wahianoa River	T20:394-986
Upper Whangaehu (Whau_1)	Upper Whangaehu (Whau_1a)	Unnamed tributary of the Wahianoa River	T20:394-986
Upper Whangaehu (Whau_1)	Upper Whangaehu (Whau_1a)	Unnamed tributary of the Wahianoa River	T20:397-986



Table C.2: Location of Existing Hydroelectricity	le C.2: Location of Existing Hydroelectricity Generation Scheme Infrastructure					
Water Management Zone*	Sub-zone*	Intake/Dam Name	Locality Descriptions			
Upper Whangaehu (Whau_1)	Upper Whangaehu (Whau_1a)	Unnamed tributary of the Wahianoa River	T20:397-986			
Upper Whangaehu (Whau_1)	Upper Whangaehu (Whau_1a)	Unnamed tributary of the Whangaehu River	T20:413-986			
Upper Whangaehu (Whau_1)	Upper Whangaehu (Whau_1a)	Unnamed tributary of the Whangaehu River	T20:416-986			
Upper Whangaehu (Whau_1)	Upper Whangaehu (Whau_1a)	Unnamed tributary of the Whangaehu River	T20:417-986			
Upper Whangaehu (Whau_1)	Upper Whangaehu (Whau_1a)	Unnamed tributary of the Wahianoa River	T20:387-987			
Upper Whangaehu (Whau_1)	Upper Whangaehu (Whau_1a)	Unnamed tributary of the Wahianoa River	T20:387-987			
Upper Whangaehu (Whau_1)	Upper Whangaehu (Whau_1a)	Tomowai	T20:414-987			
Upper Whangaehu (Whau_1)	Upper Whangaehu (Whau_1a)	Unnamed tributary of the Wahianoa River	T20:378-988			
Upper Whangaehu (Whau_1)	Upper Whangaehu (Whau_1a)	Unnamed tributary of the Wahianoa River	T20:378-988			
Upper Whangaehu (Whau_1)	Upper Whangaehu (Whau_1a)	Unnamed tributary of the Wahianoa River	T20:383-988			
Upper Whangaehu (Whau_1)	Upper Whangaehu (Whau_1a)	Unnamed tributary of the Wahianoa River	T20:383-988			

