## Upper Waikato River Freshwater Management Unit

											Attribute	es								
Site	Annual Median Chlorophyll a (mg/m )		Annual Maximum Chlorophyll a (mg/m³)		Annual Median Total Nitrogen (mg/m³)		Annual Median Total Phosphorus (mg/m³)		Annual Median Nitrate (mg NO <sub>3</sub> -N/L)		Annual 95 <sup>th</sup> percentile Nitrate (mg NO <sub>3</sub> -N/L)		Annual Median Ammonia (mg NH <sub>4</sub> -N/L)		Annual Maximum Ammonia (mg NH -N/L)		95 <sup>th</sup> percentile  E. coli  (E. coli/100mL)		Clarity	(m)
	short term	80 year	short term	80 year	short term	80 year	short term	80 year	short term	80 year	short term	80 year	short term	80 year	short term	80 year	short term	80 year	short term	80 year
Waikato River Ohaaki Br	1.5	1.5	13	13	134	134	10	10	0.039	0.039	0.062	0.062	0.002	0.002	0.013	0.013	70	70	3.8	3.8
Waikato River Ohakuri Tailrace Br	3.2	3.2	11	11	206	160	17	17	0.084	0.084	0.172	0.172	0.003	0.003	0.017	0.017	15	15	3.4	3.4
Waikato River Whakamaru Tailrace		5		25	260	160	20	20	0.101	0.101	0.230	0.230	0.003	0.003	0.010	0.010	60	60	2.0	3.0
Waikato River Waipapa Tailrace	4.1	4.1	25	25	318	160	25	20	0.164	0.164	0.320	0.320	0.007	0.007	0.017	0.017	162	162	2.0	3.0
Pueto Stm Broadlands Rd Br									0.450	0.450	0.530	0.530	0.003	0.003	0.009	0.009	92	92	1.8	3.0
Torepatutahi Stm Vaile Rd Br									0.500	0.500	0.800	0.800	0.002	0.002	0.011	0.011	216	216		
Waiotapu Stm Homestead Rd Br									1.257	1.0	1.563	1.5	0.112	0.03	0.176	0.05	281	281		

											Attribute	es								
Site	Annual Median Chlorophyll a (mg/m³)		Annual Maximum Chlorophyll a (mg/m³)		Annual Median Total Nitrogen (mg/m³)		Annual Median Total Phosphorus (mg/m³)		Annual Median Nitrate (mg NO <sub>3</sub> -N/L)		Annual 95 <sup>th</sup> percentile Nitrate (mg NO <sub>3</sub> -N/L)		Annual Median Ammonia (mg NH <sub>4</sub> -N/L)		Annual Maximum Ammonia (mg NH <sub>4</sub> -N/L)		95 <sup>th</sup> percentile  E. coli  (E. coli/100mL)		Clarity	(m)
Mangakara Stm (Reporoa) SH5									1.270	1.0	1.590	1.5	0.008	0.008	0.062	0.05	1584	540	0.9	1.0
Kawaunui Stm SH5 Br									2.580	2.4	2.850	1.5	0.006	0.006	0.079	0.05	2335	540	1.4	1.6
Waiotapu Stm Campbell Rd Br									0.915	0.915	1.100	1.100	0.291	0.24	0.315	0.05	18	18	1.2	1.6
Otamakokore Stm Hossack Rd									0.740	0.740	1.190	1.190	0.006	0.006	0.024	0.024	68o	540	1.2	1.6
Whirinaki Stm Corbett Rd									0.770	0.770	0.870	0.870	0.002	0.002	0.012	0.012	98	98	2.7	3.0
Tahunaatara Stm Ohakuri Rd									0.555	0.555	0.830	0.830	0.003	0.003	0.015	0.015	783	540	1.3	1.6
Mangaharakeke Stm SH30 (Off Jct SH1)									0.525	0.525	0.750	0.750	0.003	0.003	0.015	0.015	684	540	1.1	1.6
Waipapa Stm (Mokai) Tirohanga Rd Br									1.189	1.0	1.500	1.5	0.003	0.003	0.005	0.005	1147	540	1.2	1.6
Mangakino Stm Sandel Rd									0.650	0.650	0.860	0.860	0.003	0.003	0.012	0.012	251	251	1.8	3.0

	Attributes																			
Site	Annual Median Chlorophyll a (mg/m³)		Annual Maximum Chlorophyll a (mg/m³)		Annual Median Total Nitrogen (mg/m³)		Annual Median Total Phosphorus (mg/m³)		Annual Median Nitrate (mg NO 3-N/L)		Annual 95 <sup>th</sup> percentile Nitrate (mg NO <sub>3</sub> -N/L)		Annual Median Ammonia (mg NH -N/L)		Annual Maximum Ammonia (mg NH <sub>4</sub> -N/L)		95 <sup>th</sup> percentile  E. coli  (E. coli/100mL)		Clarity	(m)
Whakauru Stm SH1 Br									0.260	0.260	0.450	0.450	0.003	0.003	0.033	0.033	2106	540	0.8	1.0
Mangamingi Stm Paraonui Rd Br									2.760	2.4	3.120	1.5	0.091	0.03	0.296	0.05	2151	540	0.8	1.0
Pokaiwhenua Stm Arapuni - Putaruru Rd									1.680	1.0	2.040	1.5	0.002	0.002	0.020	0.020	1363	540	1.3	1.6
Little Waipa Stm Arapuni - Putaruru Rd									1.522	1.0	2.040	1.5	0.002	0.002	0.085	0.05	1377	540	1.5	1.6

## Middle Waikato River Freshwater Management Unit

											Attribute	s								
Site	Annual Median Chlorophyll a (mg/m )		Annual Maximum Chlorophyll a (mg/m³)		Annual Median Total Nitrogen (mg/m³)		Annual Median Total Phosphorus (mg/m³)		Annual Median Nitrate (mg NO <sub>3</sub> -N/L)		Annual 95 <sup>th</sup> percentile Nitrate (mg NO <sub>3</sub> -N/L)		Annual Median Ammonia (mg NH -N/L)		Annual Maximum Ammonia (mg NH <sub>4</sub> -N/L)		95 percentile  E. coli  (E. coli/100mL)		Clarity	(m)
	short term	80 year	short term	80 year	short term	80 year	short term	80 year	short term	80 year	short term	80 year	short term	80 year	short term	80 year	short term	80 year	short term	80 year
Waikato River Narrows Boat Ramp	5.5	5	23	23	404	350	28	20	0.235	0.235	0.500	0.500	0.009	0.009	0.018	0.018	340	260	1.7	1.7
Waikato River Horotiu Br	6.1	5	23	23	432	350	34	20	0.260	0.260	0.530	0.530	0.007	0.007	0.029	0.029	774	540	1.4	1.6
Karapiro Stm Hickey Rd Bridge									0.520	0.520	1.689	1.5	0.008	0.008	0.031	0.031	4518	540	0.9	1.0
Mangawhero Stm Cambridge-Ohaupo Rd									1.990	1.0	2.490	1.5	0.041	0.03	0.072	0.05	2920	540	0.3	1.0
Mangaonua Stm Hoeka Rd									1.455	1.0	1.878	1.5	0.036	0.03	0.051	0.05	6372	540	1.0	1.0
Mangaone Stm Annebrooke Rd Br									2.580	2.4	2.940	1.5	0.009	0.009	0.020	0.020	2052	540	0.9	1.0
Mangakotukutuku Stm Peacockes Rd									0.800	0.800	1.788	1.5	0.077	0.03	0.132	0.05	11394	540	0.5	1.0