

Appendix A

Table 26: Summary of physical and microbiological water quality data and compliance with guideline/trigger values at 36 River Water Quality Monitoring Network sites between January 2007 and December 2011. Median values that do not comply with a guideline value are shown in bold font.

Site name	Dissolved oxygen (% saturation)					Turbidity (NTU)					<i>E. Coli</i> (MPN/100mL)					Water Quality Index
	Median	Min	Max	<i>n</i>	Results ≥80%	Median	Min	Max	<i>n</i>	Results ≤5.6	Median	Min	Max	<i>n</i>	Results ≤126	
Mangakāhia @ Twin Brdgs.	108.9	68.1	127.6	41	97.6%	2.7	1	90	38	73.7%	121	10	4884	41	56.1%	Excellent
Waipapa Rv @ Forest	96.4	89.1	101.5	66	100.0%	1.825	0.42	27.3	66	83.3%	77.7	6.3	1203	66	68.2%	Excellent
Waipoua @ SH12	101	69.4	106.2	63	96.8%	2.3	1	26	57	86.0%	67.5	5	1720	60	73.3%	Excellent
Hātea u/s Mair Park	105.35	35.7	146.7	46	93.5%	4.1	2	75	47	70.2%	396.5	74	12997	48	6.3%	Good
Kaihū @ Gorge	100	0.83	109.2	64	93.8%	3.2	1	120	57	68.4%	153	20	19863	60	40.0%	Good
Kerikeri @ Stone Store	101.15	61.5	203	52	92.3%	2.1	0.8	100	118	85.6%	240	10	24192	121	28.1%	Good
Ngunguru @ Waipoka Rd	97.3	68.5	131	51	92.2%	5.5	2.3	102	48	52.1%	305	121	11199	51	5.9%	Good
Opouteke @ Suspension	107.3	0	120.2	60	95.0%	2.7	1	50	57	70.2%	174	10	3873	60	31.7%	Good
Waiarohia @ Whau Valley	95.7	60	138	67	91.0%	5.6	2.1	42	61	52.5%	504	10	12997	61	6.6%	Good
Waiarohia @ Rust Ave	107	73.5	138.5	65	93.8%	2.5	1.7	39	57	73.7%	413.5	30	24192	60	8.3%	Good
Waimamaku @ SH12	103.3	65.7	113.8	51	96.1%	3.3	1	65	48	79.2%	393	63	6488	51	9.8%	Good
Waipapa Str @ Waipapa Ldg	95.9	61.8	113.7	53	92.5%	2.15	2	28	50	84.0%	173	10	8664	53	32.1%	Good
Waitangi @ Watea	101	82.6	112.7	66	100.0%	3.65	0.8	42.3	66	69.7%	140.1	48.8	2419	65	43.1%	Good
Waitangi @ Waimate Rd	97.5	68.8	121.9	60	95.0%	5	1.8	200	57	56.1%	453.5	148	7701	60	0.0%	Good
Awanui @ FNDC watertake	81.65	62.6	121	60	56.7%	6	2	90	57	43.9%	301	20	24192	60	13.3%	Fair
Awanui @ Waihue Channel	87.1	37.7	134.3	93	68.8%	9.05	2.4	130	56	23.2%	309	10	24192	180	11.7%	Fair
Hakaru @ Topuni Creek	103.4	72.2	131.7	53	98.1%	9.5	4.3	160	49	8.2%	302	52	12997	52	7.7%	Fair
Kaeo @ Dip Road	95.4	69.8	145.1	57	91.2%	6.35	2	140	56	44.6%	627	10	8664	59	5.1%	Fair
Mangahahuru @ Apotu Rd	97.4	55.9	126.8	61	88.5%	6.9	2	65	57	29.8%	572	10	24192	60	5.0%	Fair
Mangahahuru @ Main Rd	95.7	64	126.8	61	96.7%	6	2.8	39	57	36.8%	227	52	3873	60	18.3%	Fair

Mangakāhia @ Titoki Brdg	94.7	73.3	110	66	98.5%	5.875	1.7	250	66	48.5%	237.95	75.9	3448	64	15.6%	Fair
Mangamuka @ Iwiatua Rd	93.8	72.9	153.7	53	92.5%	1	1	280	49	81.6%	272	41	4884	53	20.8%	Fair
Manganui @ Mitaitai Rd	82.4	41.8	144.3		57.4%	9.4	2.5	114		19.3%	135	10	11199		48.3%	Fair
Oruru @ Oruru Rd	84.2	9.5	120.5	52	67.3%	6.65	2	180	50	42.0%	292	63	17329	53	15.1%	Fair
Otaika @ Otaika Valley Rd	84.35	73.1	102.8	6	66.7%	5.1	4.5	330	3	66.7%	596	148	12997	6	0.0%	Fair
Paparoa @ walking bridge	89.1	33	129.8	53	75.5%	8.9	2	100	49	20.4%	573	108	6131	52	3.8%	Fair
Punakitere @ Taheke	99.7	58.6	119	61	95.1%	6.2	1	160	57	43.9%	419	120	17329	60	1.7%	Fair
Utakura @ Okaka Rd Bridge	87.55	53.3	97.3	52	78.8%	18.4	1	240	49	6.1%	327	30	19863	52	7.7%	Fair
Victoria @ Thompsons	94.25	62.4	123	60	93.3%	2	0.5	180	57	86.0%	170	41	3448	60	35.0%	Fair
Waiharakeke @ Stringers	94.8	50.5	242.7	60	85.0%	8.6	2.2	70	57	24.6%	357	52	4106	60	8.3%	Fair
Waiotu @ SH1	93	61.3	119.3	61	86.9%	8.3	3.7	90	57	22.8%	376.5	74	6488	60	3.3%	Fair
Waipao @ Draffin Road	102.3	66.3	135.1	65	93.8%	2.7	1.5	65	62	82.3%	620	109	12033	65	3.1%	Fair
Wairua @ Purua	92.1	56.3	126.7	53	79.3%	8.4	1.7	65	54	22.2%	84	25.6	17329	52	73.1%	Fair
Whakapara @ cableway	96.5	69.1	124.2	61	83.6%	6.2	2.4	119	57	36.8%	187	20	14136	60	33.3%	Fair
Ruakaka @ Flyger Rd	79.8	51	110.9	61	47.5%	18.3	8.2	85	56	0.0%	541.5	148	15531	60	0.0%	Poor
Mangere @ Knight Rd	83.8	38.3	119.2	111	68.5%	6.9	2	90	97	34.0%	691	74	24192	111	0.9%	Poor