

CRC204086 Akaroa WWTP

Treated wastewater quality sampling results																		Condition 6 - 9 (Samples taken 1 Mar - 30 Nov: Monthly, 1 Dec - end-Feb: Weekly)										Annually in Jan - Condition 6 (Metals)				
BOD5 (g/m3) cond. 6	Median* BOD5 (g/m3) cond. 8 & 9	OK? <30g/m3	Suspended solids (g/m3) cond. 6	Median* suspended solids (g/m3) cond. 8 & 9	OK? <30g/m3	Faecal coliforms (CFU/100 mL) cond. 6	Median Faecal coliforms (CFU/100 mL) cond. 7 & 9	OK? <1000CFU/100ml	Enterococci (MPN/100 ml)	Dissolved reactive phosphorus (g/m3)	Ammonia (g/m3)	Total nitrogen (g/m3)	Oxides of nitrogen (NOx)	Total Kjeldahl Phosphorus (TKP) (g/m3)	Temp. (°C)	Wind direction / speed	Lead (mg/L)	Copper (mg/L)	Chromium (mg/L)	Cadmium (mg/L)	Zinc (mg/L)											
7.2	6.1	YES	17	13	YES	10	10	YES	10	1.2	1.4	20	16	1.5	10.7																	
7.5	6.1	YES	15	13	YES	10	10	YES	10	0.97	1.5	15	12	1.3	9.9																	
7.9	7.2	YES	13	13	YES	10	10	YES	10	1.2	6.3	18	12	1.4	15.8																	
12	7.5	YES	16	15	YES	10	10	YES	10	2.5	15	23	5.9	3.1	15.1																	
48	NA	NA	22	16	YES	80	10	YES	110	19	16	40	21	4	16.2																	
8.9	7.9	YES	14	15	YES	160	10	YES	10	4.4	12	37	20	4.6	16																	
						20	20	YES	10																							
						10	20	YES	10																							
11	11	YES	15	15	YES	10	20	YES	10	2.6	11	29	12	3.5	24																	
						10	10	YES	10																							
						10	10	YES	10																							
25	12	YES	130	16	YES	40	10	YES	41	3.1	13	29	7.5	6.1	15	5																
						20	10	YES	10																							
						10	10	YES	31																							
						10	10	YES	10																							
11	11	YES	13	15	YES					3	10	28	1.1	3.5	17																	
						10	10	YES	10																							
						40	10	YES	75																							
						1300	10	YES	580																							
15	11	YES	35	15	YES	2600	40	YES	810	1.1	5.7	12	2.1	1.5	12.5																	
						600	600	YES	390																							
11	11	YES	20	20	YES	70	600	YES	10	1.3	7.5	18	7.2	1.9	12	SW	<0.0010	0.0077	<0.0010	<0.0010	0.044											
						20	600	YES	10																							
						60	70	YES	110																							
7.2	11	YES	17	20	YES	10	60	YES	10	1.8	6.8	19	11	2.1	12	SW																
						10	20	YES	10																							
						10	10	YES	10																							
6.2	11	YES	12	17	YES	10	10	YES	10	0.66	5.9	32	8.6	1.3	19	SW																
						10	10	YES	10																							
						10	10	YES	41																							
6.9	7.2	YES	13	17	YES	10	10	YES	10	3	6.7	26	17	3	21	SW																
						10	10	YES	10																							
						10	10	YES	10																							
12	7.2	YES	16	16	YES	10	10	YES	10	3.7	15	26	7.8	3.6	20	E																
						10	10	YES	10																							
						20	10	YES	10																							
9.6	7.2	YES	12	13	YES	10	10	YES	10	2.9	6.2	8.3	17	3.1	22.5	NE																
						10	10	YES	20																							
8.1	8.1	YES	13	13	YES	10	10	YES	10	3	8	32	22	3.6	21.5	NE																
						40	10	YES	10																							
						10	10	YES	10																							
16	9.6	YES	25	13	YES	310	10	YES	96	2.9	10	31	18	3.1	19	SW																
6.6	9.6	YES	20	16	YES	10	10	YES	10	3.3	9.3	33	21	3.9	17	315																
12	9.6	YES	16	16	YES	10	10	YES	10	1.5	2	19	15	2.1	13.3	S																
6.2	8.1	YES	14	16	YES	10	10	YES	30	0.66	1.5	12	8.4	1.1	NR	270																