CRC204086 Akaroa WWTP

Treated wastewater quality sampling results 2021 - current | **Condition 6 - 9 (Samples taken 1 Mar - 30 Nov: Monthly, 1 Dec - end-Feb: Weekly)** | **Annually in Jan - Condition 6 (Metals)**

Sample date	Sample time	Lab ID	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)	DRP (g/m3)	Ammonia (g/m3)	Total nitrogen (mg/L)	Oxides of nitrogen (NOx)	Total Kjeldahl Phosphorus (g/m3)	Temp. (°C)	Lead (mg/L)	Copper (mg/L)	Chromium (mg/L)	Cadmium (mg/L)	Zinc (mg/L)
9-Jun-23	8:00	2308837	8.4	5.7	YES	23	21	YES	10	10	YES	10	1	1	2.9	15	2.9	12					
13-Jul-23	8:45	2310489	1.7	4.7	YES	29	21	YES	10	10	YES	10	0.45	0.9	11.2	9.7	0.6	NR					
16-Aug-23	11:40	2312550	5.7	5.7	YES	15	21	YES	10	10	YES	10	0.96	1.4	13	11	1.2	NR					
14-Sep-23	9:40	2314941	10	5.7	YES	22	22	YES	10	10	YES	10	2.8	4.2	27	20	3.5	13.2					
17-Oct-23	9:30	2316254	13	8.4	YES	39	23	YES	10	10	YES	31	2.7	20	23	1.1	4.5	14					
14-Nov-23	10:23	2318245	9.4	9.4	YES	22	22	YES	10	10	YES	10	4	22	35	9.8	4.5	20					
8-Dec-23	10:50	2319664	9.7	9.7	YES	11	22	YES	40	10	YES	10	3.1	12	35	19	3.9	19.6					
12-Dec-24	10:37	2319683							120	10	YES	10											
14-Dec-23	10:25	2319676	8.4	9.7	YES	17	22	YES	10	10	YES	20	1.7	7.3	31	17	2.5	18					
15-Dec-23	10:40	2319750							41	40	YES	10											
19-Dec-23	12:00	2319749							10	40	YES	10											
21-Dec-23	11:05	2319741	8.1	9.4	YES	15	17	YES	20	40	YES	10	3.4	14	33	20	3.4	21.4					
22-Dec-23	10:00	2319761							30	30	YES	10											
27-Dec-23	:	2319760							36000	30	YES	24000											
28-Dec-23	12:05	2319752	21	9.4	YES	29	17	YES	14000	30	YES	5500	4.1	26	32	4	4.3	20.4					
29-Dec-23	12:55	2319930							2500	30	YES	1400											
1-Jan-24	11:20	2319929							4000	2500	NO	1900											
4-Jan-24	8:50	2319921	16	9.7	YES	27	17	YES	320	2500	NO	450	4.4	28	36	4.6	4.9	21					
5-Jan-24	11:20	2321494							130	320	YES	98											
9-Jan-24	10:35	2321511							10	320	YES	10											
11-Jan-24	11:08	2321495	11	11	YES	21	21	YES	10	130	YES	10	4.3	14	32	14	5	22.6	<0.0010	0.0065	<0.0010	<0.0010	0.028
12-Jan-24	11:38	2321562							10	10	YES	20											
16-Jan-24	12:50	2321561							10	10	YES	60											
18-Jan-24	11:55	2321552	7.5	11	YES	17	21	YES	40	10	YES	10	3.8	6.9	35	24	4.4	22.1					
19-Jan-24	12:00	2321632							10	10	YES	20											
22-Jan-24	13:00	2321631							50	10	YES	75											
24-Jan-24	12:05	2321622							10	10	YES	10											
25-Jan-24	13:10	2321623	5.9	11	YES	8.4	21	YES	10	10	YES	10	3.4	7.5	24	17	3.6	21.8					
26-Jan-24	11:10	2321644							10	10	YES	10											
29-Jan-24	11:05	2321643							10	10	YES	10											
1-Feb-24	13:05	2321633	4.3	7.5	YES	7.8	17	YES	10	10	YES	10	3.7	3.7	4.7	28	4.3	22.7					
2-Feb-24	13:00	2401218							10	10	YES	10											
5-Feb-24	12:30	2401219							10	10	YES	10											
7-Feb-24	11:15	2401204							10	10	YES	10											
8-Feb-24	7:40	2401205	9.9	7.5	YES	18	17	YES	10	10	YES	10	4.2	11	33	21	6	22					
12-Feb-24	11:55	2401229							20	10	YES	10											
15-Feb-24	12:20	2401221	10	7.5	YES	11	11	YES	20	10	YES	20	4	6.6	8.5	15	3.8	22					
16-Feb-24	11:15	2401241							40	20	YES	20											
19-Feb-24	13:30	2401240							40	20	YES	10											
23-Feb-24	10:30	2401232	9.4	9.4	YES	18	11	YES	30	30	YES	20	4	6.2	34	26.38	5.4	20.5					
29-Feb-24	10:15	2401245	1.4	9.4	YES	11	11	YES	10	30	YES	10	3.9	5.7	32	25	4.3	22.6					
20-Mar-24	9:35	2402521	6.1	9.4	YES	13	13	YES	20	30	YES	10	3.6	5.2	31	24	3.9	10					
16-Apr-24	8:15	2404679							50	30	YES	10	3.2	7.1	38	30	4	16.7					
20-May-24	8:00	2406553							10	20	YES	10	2.1	3.6	37	32	2.6	13					
13-Jun-24	9:15	2408199	6.1	6.1	YES	13	13	YES	10	10	YES	10											