

Parameters	Unit	GENERAL LIMITS	SPECIAL LIMITS	22-Feb-25				Requirement Measurement (Irrigation 500m³)	Mc-Gregor	Total Samples	Total Samples Complying
				Ashton	Bonnievale	Montagu	Robertson				
Average daily flows (ML)				3.42	1,8	3,5	4,2				
pH	at 25°C	5.5 - 9.5	5.5 - 7.5	7,60	7,3	7,8	7,7	6.00 - 9.00	7,1	5	5
Conductivity	mS/m	<70.0 - <150	50mS/m above intake	184	137	152	176	<200	139	5	2
COD Unfiltered	mg/L	<75.0 After Algae Removal		127	102	162	160			0	0
COD Filtered	mg/L		30	102,0	89,8	118,0	106,0	<400	433	5	0
Ammonia as N	mg/L	6.0 max	2.0	24,4	31,9	27,8	58,1	N/A		4	0
Nitrate as N	mg/L	15.0 max	1.5	3,0	<0,20	<0,20	<0,02	N/A		4	4
Nitrite as N	mg/L	15.0 max		<0,20	<0,20	0,48	0,02	N/A		0	0
Free Chlorine	mg/L	<0.25	0	0,20	0,43	0,06	0,57	N/A		0	0
TSS	mg/L	25	10	21	19	46	34	N/A		4	2
Ortho-P	mg/L	10	1 med 2,5max	7,70	5,5	2,8	5,9				0
Soap, oil or grease	mg/L	3	0								0
Faecal Coliforms	Org/100 ml	1000 max	1000	>2419	>2419	>2419	>2419	<100 000	241 900	5	1
E Coli	Org/100 ml	1000,0		>2419	>2419	>2419	>2419	N/A		5	0
100 %										37,00	14,00

All the plants performed bad because of many factors in Loadshedding, generators in some plants are faulty, delayed on the reinstating of dysfunctional process units.