

	Requirement Measurement Blue Drop Standards	Ashton	Bonnievale	McGregor	Montagu	Robertson	Total Samples	Total Samples Complying
		Treated Water						
Inflow ML								
pH (at 25°C)	≥5.00 - ≤9.70	7,14	7,43	7,41	7,41	6,58	5,00	5,00
Conductivity (at 25°C)	≤170	79,7	71,4	9,8	63,5	6,3	5,00	5,00
Turbidity (NTU)	≤1.0 Operational							
	≤5.0 -Aeshetic	0,84	0,69	0,6	0,29	1,9	5,00	5,00
Colour (mg/L as Pt)	≤15	<4	1,1	<4	<4	<4	5,00	5,00
Aluminium (µg/L as Al)	≤300	94	165	176	<40	194	5,00	4,00
Iron (µg/L as Fe)	≤300 Aesthetic							
	≤2000 Chronic Health	22	<20	41	<20	83	5,00	5,00
Free Chlorine (mg/L)	>0.0 - ≤5	1,4	1,1	1,2	0,29	0,15	5,00	5,00
E.Coli (cnt/100ml)	Not Detected	<1	<1	1	<1	<1	5,00	5,00
Total Coliform Bacteria	≤10	<1	<1	1	5	<1	5,00	4,00
							10,00	9,00

Parameters	Unit	GENERAL LIMITS	SPECIAL LIMITS	19-Jan-23				Requirement Measurement (Irrigation 500m³)	Mc-Gregor	Total Samples	Total Samples Complying
				Ashton	Bonnievale	Montagu	Robertson				
Average daily flows (ML)											
pH	at 25°C	5.5 - 9.5	5.5 - 7.5	7,80	7,91	7,73	7,8	6.00 - 9.00	7,69	5	5
Conductivity	mS/m	<70.0 - <150	50mS/m above intake	160	153	163	162	<200	150	5	1
COD Unfiltered	mg/L			108	83,5	79,4	110			0	0
COD Filtered	mg/L	<75.0 After Algae Removal	30	99,3	52,7	51,5	89,0	<400	211	5	3
Ammonia as N	mg/L	6.0 max	2.0	54,5	36,6	46,3	52,8	N/A		4	0
Nitrate as N	mg/L	15.0 max	1.5	<0,20	0,2	<0,20	<0,20	N/A		4	4
Nitrite as N	mg/L	15.0 max		<0,20	1,4	<0,20	<0,20	N/A		0	0
Free Chlorine	mg/L	<0.25	0	<0,05	<0,05	<0,05	0,1	N/A		0	0
TSS	mg/L	25	10	21	21	17	29	N/A		4	3
Ortho-P	mg/L	10	1 med 2,5max	6,80	2,4	7,7	6,6				0
Soap, oil or grease	mg/L	3	0								0
Faecal Coliforms	Org/100 ml	1000 max	1000	>2419	>2419	>2419	>2419	<100 000	68 700	5	1
E Coli	Org/100 ml	1000,0		>2419	>2419	>2419	>2419	N/A		0	0
									100 %	32,00	17,00
										53,13	

Comments: All the plants are performing very poor due to number of factors including Power cuts and insufficient Cl2 dosing at the final effluent.