

23-Mar-23		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	7,57	7,32	6,79	7,05	6,53	5,00	5,00
Conductivity (at 25°C)		≤170	76,9	52	9,5	39	<5	5,00	5,00
Turbidity (NTU)		≤1.0 Operational							
		≤5.0 -Aeshetic	7,9	5,2	3	4,9	2,2	5,00	5,00
Colour (mg/L as Pt)		≤15	8	10	<4	4	<4	5,00	5,00
Aluminium (µg/L as Al)		≤300	598	149	406	211	564	5,00	2,00
Iron (µg/L as Fe)		≤300 Aesthetic ≤2000 Chronic Health	283	60	33	72	51	5,00	5,00
Free Chlorine (mg/L)		>0.0 - ≤5	0,19	<0,05	1,3	<0,05	0,07	5,00	5,00
E.Coli (cnt/100ml)		Not Detected	<1	<1	<1	<1	<1	5,00	5,00
Total Coliform Bacteria		≤10	3	<1	<1	<1	<1	5,00	5,00
								10,00	10,00

Parameters	Unit	GENERAL LIMITS	SPECIAL LIMITS	27-Mar-23				Requirement Measurement (Irrigation 500m ³)	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	7,60	7,7	7,7	7,99	6.00 - 9.00	7,6	5	5
Conductivity	mS/m	<70.0 - <150	50mS/m above intake	222	162	138	232	<200	376	5	2
COD Unfiltered	mg/L			525	82	56	164			0	0
COD Filtered	mg/L	<75.0 After Algae Removal	30	172,0	76,0	24,0	124,0	<400		5	1
Ammonia as N	mg/L	6.0 max	2.0	48,7	40	12	23,2	N/A		4	0
Nitrate as N	mg/L	15.0 max	1.5	<0,2	<0,20	1,1	<0.20	N/A		4	4
Nitrite as N	mg/L	15.0 max		<0,20	<0,20	0.21	<0,20	N/A		0	0
Free Chlorine	mg/L	<0.25	0	<0,05	<0,05	<0,05	<0,05	N/A		0	0
TSS	mg/L	25	10	504	21	18	42	N/A		4	0
Ortho-P	mg/L	10	1 med 2,5max	6,00	0,78	3,8	1,5				0
Soap, oil or grease	mg/L	3	0								0
Faecal Coliform	Org/100 ml	1000 max	1000	>2419	.2419	>2419	>2419	<100 000	500	5	1
E Coli	Org/100 ml	1000,0						N/A		0	0
								100	%	32,00	13,00
										40,63	