

22-Mar-24	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	7,31	7,28	7,08	7,27	6,7	5,00	5,00
Conductivity (at 25°C)	≤170	85,2	94	11,3	53,7	8,6	5,00	5,00
Turbidity (NTU)	≤1.0 Operational	0,96	1.1	1,2	0,34	1,7	5,00	5,00
	≤5.0 -Aeshetic						5,00	5,00
Colour (mg/L as Pt)	≤15	<4	<4	<4	<4	<4	5,00	5,00
Aluminium (µg/L as Al)	≤300	<40	73	409	<40	84	5,00	4,00
Iron (µg/L as Fe)	≤300 Aesthetic ≤2000 Chronic Health	<20	32	37	<20	70	4,00	5,00
Free Chlorine (mg/L)	>0.0 - ≤5	0,75	1	0,1	1,7	1,4	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	<1	<1	5,00	5,00
							10,00	10,00

	Unit	GENERAL LIMITS	SPECIAL LIMITS	19-Mar-24				Requirement Measurement (Irrigation 500m³)	Mc-Gregor	Total Samples	Total Samples Complying
				Ashton	Bonnievale	Montagu	Robertson				
Average daily flows (ML)					1,8ML	3,5MI	4,2ML				
pH	at 25°C	5.5 - 9.5	5.5 - 7.5	7,70	7,8	8,2	7,8	6.00 - 9.00	8,1	4	4
Conductivity	mS/m	<70.0 - <150	50mS/m above intake	205	142	145	178	<200	135	4	2
COD Unfiltered	mg/L			56,5	52,4	109	129			0	0
COD Filtered	mg/L	<75.0 After Algae Removal	30	47,2	48,8	93,5	122,0	<400	148	4	3
Ammonia as N	mg/L	6.0 max	2.0	29,7	6,6	11,9	56,6	N/A		4	0
Nitrate as N	mg/L	15. 0 max	1.5	<20	<0,28	0,36	<0,20	N/A		4	4
Nitrite as N	mg/L	15.0 max		<20	<0,20	<0,20	<0,20	N/A		0	0
Free Chlorine	mg/L	<0.25	0	0,24	0,24	0,13	1,9	N/A		0	0
TSS	mg/L	25	10	8	14	11	25	N/A		4	4
Ortho-P	mg/L	10	1 med 2,5max	7,00	0,52	2,7	6,6				0
Soap, oil or gre	mg/L	3	0								0
Faecal Coliform	Org/100 ml	1000 max	1000	816	>2419	>2419	>2419	<100 000	345	4	1
E Coli	Org/100 ml	1000,0			>2419			N/A		4	1
100 %										32,00	19,00
										59,38	