

22-May-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	7,51	7,37	6,52	7,48	6,43	5,00	5,00
Conductivity (at 25°C)	≤170	164	171	9,6	115	5	5,00	5,00
Turbidity (NTU)	≤1.0 Operational	0,76	1,1	0,83	1,1	1,3	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	62	247	345	<40	214	5,00	4,00
Iron (µg/L as Fe)	≤300 Aesthetic ≤2000 Chronic Health	<20	<20	<20	26	21	5,00	5,00
Free Chlorine (mg/L)	>0.0 - ≤5	>5	3	1,1	>5	1	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

Parameters	Unit	GENERAL LIMITS	SPECIAL LIMITS	2024/05/270				Requirement Measurement (Irrigation 500m³)	Mc-Gregor	Total Samples	Total Samples Complying
				Ashton	Bonnievale	Montagu	Robertson				
Average daily flows (ML)				2,45	1.8	3,5	4,21		0,3		
pH	at 25°C	5.5 - 9.5	5.5 - 7.5	7,60	7,6	7,8	7,9	6.00 - 9.00	7,9	5	5
Conductivity	mS/m	<70.0 - <150	50mS/m above intake	285	241	170	189	<200	123	5	1
COD Unfilter	mg/L			64,3	64,3	44,2	68,3			0	0
COD Filtered	mg/L	<75.0 After Algae Removal									
	mg/L		30	60,2	48,2	40,2	64,3	<400	112	5	5
Ammonia as	mg/L	6.0 max	2.0	10,4	<0,10	3,2	43,4	N/A		4	2
Nitrate as N	mg/L	15. 0 max	1.5	10,2	<0,20	<0,20	<0,20	N/A		4	4
Nitrite as N	mg/L	15.0 max		<0,20	<0,20	<0,20	<0,20	N/A		0	0
Free Chlorine	mg/L	<0.25	0	0,18	0,5	0,2	0,06	N/A		0	0
TSS	mg/L	25	10	7	15	12	18	N/A		4	4
Ortho-P	mg/L	10	1 med 2,5max	3,20	<0,20	4,5	4,1				0
Soap, oil or g	mg/L	3	0								0
Faecal Colifo	Org/100 ml	1000 max	1000	2419	>2419	921	>2419	<100 000	24 190	5	2
E Coli	Org/100 ml	1000,0		1986	>2419	866	>2419	N/A		4	1
100 %										36,00	24,00
										66,67	