22-Jan-24 Treated Water	Requirement Measurement Blue Drop Standards	Ashton	Bonnievale	McGregor	Montagu	Robertson	Total Samples	Total Samples Complying
Inflow ML								
pH (at 25°C)	≥5.00 - ≤9.70	7,06	7,45	6,47	7,29	5,96	5,00	5,00
Conductivity (at 25°C)	≤170	83	80,5	13,4	62,3	9	5,00	
Turbitity (NTU)	≤1.0 Operational	0,52	0,96	0,37	0,34	5,2	5,00	
	≤5.0 -Aeshetic						5,00	
Colour (mg/L as Pt)	≤15	<4	<4	<4	<4	<4	5,00	
Aluminium (µg/L as Al)	≤300	144	150	41	45	480	5,00	
Iron (µg/L as Fe)	≤300 Aesthetic ≤2000 Chronic Health	24	<20	<20	<20	439	4,00	
Free Chlorine (mg/L)	>0.0 - ≤5	1,5	1,2	1,8	1,6	1,3	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
Robertson failure	Aluminium is above the limits, an investigation is under way							
	Iron is above aesthetic limits however it is below the chronic limits.							

Parameters	Unit	GENERAL LIMITS	SPECIAL LIMITS	22-Jan-24				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	7,60	7,9	7,40	7,6	6.00 - 9.00	7,8	5	5
Conductivity	mS/m	<70.0 - <150	50mS/m above intake	212	128	181	179	<200	136	5	2
COD Unfiltered	mg/L			140	62,3	117	122			0	0
COD Filtered	mg/L	<75.0 After Algae Removal	30	125,0	46,9	66,4	109,0	<400	156	5	3
Ammonia as N	mg/L	6.0 max	2.0	24,5	2,1	46,1	53,1	N/A		4	1
Nitrate as N	mg/L	15. 0 max	1.5	<0,20	<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	0,85	0,45	1,60	0,55	N/A		0	0
TSS	mg/L	25	10	12	16	51	30	N/A		4	2
Ortho-P	mg/L	10	1 med 2,5max	6,10	0,85	6,60	12				0
Soap, oil or grease	mg/L	3	0								0
Faecal Coliforms	Org/100 ml	1000 max	1000	1120	>2419	>2419	579	<100 000	3 900	5	2
E Coli	Org/100 ml	1000,0		1046	>2419	>2419	547	N/A		0	0
								100	%	32,00	19,00
										59,38	