

22-Jun-24		Requirement	Ashton	Bonnievale	McGregor	Montagu	Robertson	Total Samples	Total Samples Complying
Treated Water	Measurement Drop	Blue Standards							
	Inflow ML								
	pH (at 25°C)	≥5.00 - ≤9.70	7,43	7,42	6,93	7,62	6,62	5,00	5,00
	Conductivity (at 25°C)	≤170	70,9	65,7	10,7	127	5,9	5,00	5,00
	Turbidity (NTU)	≤1.0 Operational						5,00	5,00
		≤5.0 -Aeshetic	0,6	1,5	0,85	0,52	2,6	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	198	80	208	<40	200	5,00	4,00
	Iron (µg/L as Fe)	≤300 Aesthetic							
		Chronic Health ≤2000	<20	<20	<20	<20	<20	5,00	5,00
Free Chlorine (mg/L)	>0.0 - ≤5	1,1	<1,3	0,96	1,2	>5	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	6	<1	<1	5,00	5,00	
								10,00	10,00

Parameters	Unit	GENERAL LIMITS	SPECIAL LIMITS	27-Jun-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	7,50	7,8	7,9	7,8	6.00 - 9.00	7,7	5	5
Conductivity	mS/m	<70.0 - <150	50mS/m above intake	274	149	166	190	<200	131	5	2
COD Unfiltered	mg/L			80	148	56	56			4	4
COD Filtered	mg/L	<75.0 After Algae Removal	30	62,2	104,0	41,5	37,3	<400	145	5	4
Ammonia as N	mg/L	6.0 max	2.0	29,6	14,8	5,2	32,5	N/A		4	1
Nitrate as N	mg/L	15.0 max	1.5	2,2	1,2	10,2	<0,20	N/A		4	4
Nitrite as N	mg/L	15.0 max		<0,20	<0,20	4	<0,20	N/A		4	4
Free Chlorine	mg/L	<0.25	0	0,23	0,55	<0,05	0,1	N/A		0	0
TSS	mg/L	25	10	10	55	18	8	N/A		4	3
Ortho-P	mg/L	10	1 med 2,5max	5,40	6,4	4,8	3,3			4	4
Soap, oil or grease	mg/L	3	0							0	0
Faecal Coliforms	Org/100 ml	1000 max	1000	2419	>2419	17	>2419	<100 000	2 419	4	2
E Coli	Org/100 ml	1000,0		>2419	>2419	17	>2419	N/A		4	1
									100 %	47,00	34,00
										72,34	