

09-Feb-22		Requirement Measurement Blue Drop Standards	Ashton	Bonnievale	McGregor	Montagu	Robertson	Total Samples	Total Samples Complying
<b>Treated Water</b>									
Inflow ML									
pH (at 25°C)		≥5.00 - ≤9.70	7,14	7,26	7,09	7,2	6,84	5,00	5,00
Conductivity (at 25°C)		≤170	62	62,1	12,3	55,8	7,67	5,00	5,00
Turbidity (NTU)		≤1.0 Operational							
		≤5.0 -Aeshetic	1,14	0,4	0,45	1,03	0,96	5,00	5,00
Colour (mg/L as Pt)		≤15	10	<10	<10	11	<10	5,00	5,00
Aluminium (µg/L as Al)		≤300	20	53,1	31,4	20,8	23,9	5,00	5,00
Iron (µg/L as Fe)		≤300 Aesthetic ≤2000 Chronic Health	33,3	20	20	24,3	20	5,00	5,00
Free Chlorine (mg/L)		>0.0 - ≤5	1,57	0,9	0,18	0,4	0,55	5,00	5,00
E.Coli (cnt/100ml)		Not Detected	0	0	0	0	0	5,00	5,00
Total Coliform Bacteria		≤10	2	1	0	0	0	5,00	5,00
								10,00	10,00

Parameters	Unit		15-Feb-22				Requirement Measurement (Irrigation 500m³)	Mc-Gregor	Total Samples	Total Samples Complying
			Ashton	Bonnievale	Montagu	Robertson				
Average daily flows (ML)					2,434					
pH	at 25°C	5.5 - 9.5	7,68	7,53	7,78	7,57	6.00 - 9.00	7,27	5	5
Conductivity	mS/m	>70.0 - <150	212	135	153	164	<200	114	5	2
COD Unfiltered	mg/L	>75.0	968	2705	924	758	<400	434	0	0
COD Filtered	mg/L	>75.0 After Algae Removal	159,0	36,0	51,0	99,0	N/A		4	2
Ammonia as N	mg/L	6.0 max	38,1	0,73	15,9	57,4	N/A		4	1
Nitrate as N	mg/L	15.0 max	<0,10	0,25	1,14	0,11	N/A		4	4
Nitrite as N	mg/L	15.0 max	0,00	0	0	0	N/A		0	0
Free Chlorine	mg/L	<0.25	0,45	0,27	0,4	0,44	N/A		0	0
TSS	mg/L	25	25	<2	4,4	24,6	N/A		4	4
Faecal Coliforms	Org/100 ml	1000 max	>20000	12400	19600	>20000	<100 000	1700	5	1
E Coli	Org/100 ml	1000,0					N/A		0	
								100%	61,29	
								Total	31	19