10-Sep-21 Treated Water	Requirement Measurement Blue Drop Standards	Ashton	Bonnievale	McGregor	Montagu	Robertson	Total Samples	Total Samples Complying
Inflow ML			1,3085					
pH (at 25°C)	≥5.00 - ≤9.70	7,16	7,56	7,05	7,3	6,66	5,00	5,00
Conductivity (at 25°C)	≤170	23,9	27,8	12,6	52	502	5,00	5,00
Turbitity (NTU)	≤1.0 Operational						5,00	5,00
	≤5.0 -Aeshetic	0,96	0,53	0,67	0,67	1,22	5,00	5,00
Colour (mg/L as Pt)	≤15	<10	<10	<10	<10	<10	5,00	5,00
Aluminium (µg/L as Al)	≤300	40,4	38,8	26,6	10	21,4	5,00	5,00
Iron (µg/L as Fe)	≤300 Aesthetic ≤2000 Chronic Health	<20	20	<20	20	<20	5,00	5,00
Free Chlorine (mg/L)	>0.0 - ≤5	<0,02	0,25	<0,02	1,84	<0,02	5,00	5,00
E.Coli (cnt/100ml)	Not Detected	0	0	0	0	0	5,00	5,00
Total Coliform Bacteria	≤10	0	0	0	0	1	5,00	5,00
							10,00	10,00

Parameters	Unit		15-Sep-21				Requirement Measurement (Irrigation 500m³)	Mc-Gregor	Total Samples	Total Samples Complying
			Ashton	Bonnievale	Montagu	Robertson				
Average daily flows (ML)			None	Faulty	2,85293	2,2142		0,3134		
pH	at 25°C	5.5 - 9.5	7,40	6,75	6,48	7,07	6.00 - 9.00	7,56	5	5
Conductivity	mS/m	>70.0 - <150	163	116	177	187	<200	126	5	2
COD Unfiltered	mg/L	>75.0	1397	6020	1037	415	<400	514	0	0
COD Filtered	mg/L	>75.0 After Algae Removal	45,0	1499,0	36,0	455,0	N/A		4	2
Ammonia as N	mg/L	6.0 max	21,0	22,7	6,79	48,8	N/A		4	1
Nitrate as N	mg/L	15. 0 max	9,1	<0,10	<0,10	<0,10	N/A		4	4
Nitrite as N	mg/L	15.0 max					N/A		0	0
Free Chlorine	mg/L	<0.25	0,15	2,89	0,38	0	N/A		0	0
TSS	mg/L	25	<2	892	2910	77,5	N/A		4	1
Faecal Coliforms	Org/100 ml	1000 max	>2000	193000	>2000	>20000	<100 000	130	5	1
E Coli	Org/100 ml	1000,0					N/A		0	
							100	%	51,61	
								Total	31	16