

2022/03/15s		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	7,59	7,91	7,08	7,44	6,38	5,00	5,00
Conductivity (at 25°C)		≤170	54,7	56,7	12,8	54,6	7,13	5,00	5,00
Turbidity (NTU)		≤1.0 Operational							
		≤5.0 -Aeshetic	0,66	<0,30	0,49	<0,30	1	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	102	136	42,7	43,2	31.0	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	<0,01	0,28	<0,01	0,68	5,00	5,00
E.Coli (cnt/100ml)		Not Detected	4	0	0	0	0	5,00	5,00
Total Coliform Bacteria		≤10	200	0	1	0	0	5,00	5,00
								10,00	10,00

ASHTON WWTW: Drinking quality complies with the standard limits at the sampling points. Microbiological parameter at Ashton plant failed because the retention time was not enough, all the sampling points analysis to the consumers complies.

Parameters	Unit		14-Mar-22				Requirement Measurement (Irrigation 500m <sup>2</sup> )	Mc-Gregor	Total Samples	Total Samples Complying
			Ashton	Bonnievale	Montagu	Robertson				
Average daily flows (ML)					2,1807					
pH	at 25°C	5.5 - 9.5	7,42	7,36	7,8	7,51	6.00 - 9.00	7,09	5	5
Conductivity	mS/m	>70.0 - <150	167	172	140	168	<200	117	5	2
COD Unfiltered	mg/L	>75.0	850	1238	1106	1525	<400	185	0	0
COD Filtered	mg/L	>75.0 After Algae Removal	95,0	802,0	56,0	86,0	N/A		4	1
Ammonia as N	mg/L	6.0 max	36,3	57,1	6,23	61,5	N/A		4	0
Nitrate as N	mg/L	15.0 max	0,3	<0,10	5,77	0,15	N/A		4	4
Nitrite as N	mg/L	15.0 max					N/A		0	0
Free Chlorine	mg/L	<0.25	0,27	2,05	0,31	0,48	N/A		0	0
TSS	mg/L	25	5	580	10	8	N/A		4	3
Faecal Coliforms	Org/100 ml	1000 max	4800	1710000	26000	780000	<100 000	700	5	1
E Coli	Org/100 ml	1000,0					N/A		0	
								100 %	51,61	
								Total	31	16