

## BLUE DROP – DECEMBER 2019

Treated Water	Requirement Measurement Blue Drop Standards	Ashton	Bonnievale	McGregor	Montagu	Robertson	Total Samples	Total Samples Complying
pH (at 25°C)	≥5.00 - ≤9.70	7,15	7,87	6,63	7,08	6,8	5,00	5,00
Conductivity (at 25°C)	≤170	52,6	87	11,3	39,6	10,8	5,00	5,00
Turbidity (NTU)	≤1.0 Operational						0,00	0,00
	≤5.0 -Aesthetic	0,38		0,97	0,43	1,01	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	52,7	<50	<50	<50	<50	5,00	5,00
Iron (µg/L as Fe)	≤300 Aesthetic ≤2000 Chronic Health	<50	<50	<50	<50	<50	5,00	5,00
Free Chlorine (mg/L)	>0.0 - ≤5	0,93	0,06	1,6	2,06	0,67	5,00	5,00
E.Coli (cnt/100ml)	Not Detected	0	0	0	0	0	5,00	5,00
Total Coliform Bacteria	≤10						5,00	5,00
							10,00	10,00
Percentage Compliant %								100,00

## GREEN DROP – DECEMBER 2019

Parameters	Unit	Requirement Measurement	Ashton	Bonnievale	Montagu	Robertson	Requirement Measurement (Irrigation 500m <sup>3</sup> )	McGregor	Total Samples	Total Samples Complying
pH	at 25°C	5.5 - 9.5	7,23	7,11	7,46	7,23	6.00 - 9.00	7,3	5	5
Conductivity	mS/m	>70.0 - <150	137	143	134	146	<200	139	5	5
COD Unfiltered	mg/L	>75.0	760	1314	1210	1191	<400	898	5	5
COD Filtered	mg/L	>75.0 After Algae Removal					N/A			
Ammonia as N	mg/L	6.0 max	4,2	<0,50	16,8	19,9	N/A		4	2
Nitrate as N	mg/L	15. 0 max	5,9	<0,30	0,39	6,73	N/A		4	4
Nitrite as N	mg/L	15.0 max					N/A			
Free Chlorine	mg/L	<0.25	0,10	0,76	0,86	0,13	N/A			
TSS	mg/L	25	<2,00	8,4	<2,00	206	N/A		4	3
Faecal Coliforms	Org/100 ml	1000 max	860	167	890	>2000	<100 000	>2000	5	4
E Coli	Org/100 ml	0,0					N/A			
							100	%	87,50	
								<b>Total</b>	32	28

