

BLUE DROP – NOVEMBER 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	7,21	7,78	6,67	7,5	6,98	5,00	5,00
Conductivity (at 25°C)	≤170	62,1	78,1	11,8	52,3	19,9	5,00	5,00
Turbidity (NTU)	≤1.0 Operational						0,00	0,00
	≤5.0 -Aeshetic	0,5	0,37	0,71	0,34	0,6	5,00	5,00
Colour (mg/L as Pt)	≤15	<10		<10,0	<10	<10	5,00	5,00
Aluminium (µg/L as Al)	≤300	<50	<50	<50	<50	<50	5,00	4,00
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	0,86	<0,02	>2,50	<0,02	0,22	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 – NOVEMBER 2019

Parameters	Unit	Requirement Measurement	Ashton	Bonnievale	Montagu	Robertson	Requirement Measurement (Irrigation 500m ³)	McGregor	Total Samples	Total Samples Complying
pH	at 25°C	5.5 - 9.5	7,68	7,37	7,54	7,34	6.00 - 9.00	7,5	5	5
Conductivity	mS/m	>70.0 - <150	103	136	125	109	<200	127	5	5
COD Unfiltered	mg/L	>75.0	944	1159	1098	920	<400	890	0	0
COD Filtered	mg/L	>75.0 After Algae Removal	20,0	17	43	36	N/A		4	4
Ammonia as N	mg/L	6.0 max	0,7	0,65	16	20,5	N/A		4	2
Nitrate as N	mg/L	15. 0 max	2,9	0,74	<0,30	0,97	N/A		4	4
Nitrite as N	mg/L	15.0 max	1,20	<0,05	0,12	1,06	N/A			
Free Chlorine	mg/L	<0.25	0,26	0,58	0,53	0,25	N/A			
TSS	mg/L	25	<2	6	14,4	15,4	N/A		4	4
Faecal Coliforms	Org/100 ml	1000 max	520	10	0	240	<100 000	280	5	5
E Coli	Org/100 ml	0,0					N/A			
							100	%	93,55	
								Total	31	29