

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	7,29	7,78	6,89	7,35	6,51	5,00
Conductivity (at 25°C)	≤170	61,5	78,2	13,2	41,3	12,2	5,00	5,00
Turbidity (NTU)	≤1.0 Operational							
	≤5.0 -Aeshetic	0,7	<0,32	0,32	0,32	0,54	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	50	50	50	50	<50	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	0,34	0,74	0,86	0,29	0,56	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	0	5,00	5,00
							10,00	10,00
Percentage Compliant %							100,00	

Langeberg Green Drop Report 2020

Red block: SANS 241 LIMITS

Yellow Block: Water analysis/results

Values marked red means Non-compliance



Parameters	Unit	18-Oct-20	18-Oct-20				Requirement Measurement (Irrigation 500m ³)	Mc-Gregor	Total Samples	Total Samples Complying
			Ashton	Bonnievale	Montagu	Robertson				
Average daily flows (ML)			1,37	0,82829	0,232503	1,11745		0,18719		
pH	at 25°C	5.5 - 9.5	7,97	7,44	7,66	7,33	6.00 - 9.00	7,51	5	5
Conductivity	mS/m	>70.0 - <150	318	138	144	151	<200	130	5	4
COD Unfiltered	mg/L	>75.0	694	1062	1056	894	<400	771	0	0
COD Filtered	mg/L	>75.0 After Algae Removal	43,0	40		37	N/A		4	4
Ammonia as N	mg/L	6.0 max	3,9	0,39	30,1	22,3	N/A		4	1
Nitrate as N	mg/L	15.0 max	2,8	0,25	0,33	2,38	N/A		4	4
Nitrite as N	mg/L	15.0 max	1,92	0,05	0,38	<0,05	N/A		0	4
Free Chlorine	mg/L	<0.25	0,18	0,9	0,91	1,97	N/A		0	0
TSS	mg/L	25	2	2	2	495	N/A		4	3
Faecal Coliforms	Org/100 ml	1000 max	820	1690	30	8100	<100 000	160	5	3
E Coli	Org/100 ml	1000,0	1020	1510	20	9900	N/A		0	
								100%	90,32	
								Total	31	28