

10-Jul-21		Requirement Measurement Blue Drop Standards	Ashton	Bonnievale	McGregor	Montagu	Robertson	Total Samples	Total Samples Complying
<b>Treated Water</b>									
pH (at 25°C)	≥5.00 - ≤9.70	6,95	7,1	7,3	7,11	6,89	5,00	5,00	
Conductivity (at 25°C)	≤170	36,7	22,2	12,7	56	15,8	5,00	5,00	
Turbidity (NTU)	≤1.0 Operational						5,00	5,00	
	≤5.0 -Aeshetic	0,81	1,6	0,75	0,77	0,97	5,00	5,00	
Colour (mg/L as Pt)	≤15	<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	1,82	1,3	<0,02	<0,02	<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	1	0	1	0	0	5,00	5,00	
							10,00	10,00	

Langeberg Green Drop Report 2021

Red block: SANS 241 LIMITS

Yellow Block: Water analysis/results

Values marked red means Non-compliance



Parameters	Unit	18-Jun-21	18-Jun-21				Requirement Measurement (Irrigation 500m <sup>3</sup> )	Mc-Gregor	Total Samples	Total Samples Complying
			Ashton	Bonnievale	Montagu	Robertson				
Average daily flows (ML)										
pH	at 25°C	5.5 - 9.5	7,57	7,27	7,66	7,47	6.00 - 9.00		4	4
Conductivity	mS/m	>70.0 - <150	122	112	125	178	<200		5	3
COD Unfiltered	mg/L	>75.0	363	2280	1062	846	<400		0	0
COD Filtered	mg/L	>75.0 After Algae Removal				412,0	N/A		0	0
Ammonia as N	mg/L	6.0 max	0,9	1,79	1,05	16,3	N/A		4	2
Nitrate as N	mg/L	15.0 max	8,9	<0,49	4,6	5,74	N/A		4	4
Nitrite as N	mg/L	15.0 max					N/A		0	0
Free Chlorine	mg/L	<0.25	0,60	<0,02	0,1	1,19	N/A		0	0
TSS	mg/L	25	70	<2	<2	320	N/A		4	4
Faecal Coliforms	Org/100 ml	1000 max	1240	1400	196	4400	<100 000		5	0
E Coli	Org/100 ml	1000,0					N/A		0	
								100%	65,38	
Total									26	17