

10-Apr-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	7,26	7,85	7,06	7,16	6,86	5,00	5,00	
Conductivity (at 25°C)	≤170	55,8	63	14,9	51,6	14,3	5,00	5,00	
Turbidity (NTU)	≤1.0 Operational	0,38	1,18	1,99	0,62	0,3	5,00	5,00	
	≤5.0 -Aeshetic						5,00	5,00	
Colour (mg/L as Pt)	≤15	<10		<10	<10	<10	5,00	5,00	
Aluminium (µg/L as Al)	≤300	50	57,6	84,7	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	2,1	0,02	0,04	1,99	0,17	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	

Langeberg Green Drop Report 2021

Red block: SANS 241 LIMITS

Yellow Block: Water analysis/results

Values marked red means Non-compliance



Parameters	Unit	18-Apr-21	18-Apr-21				Requirement Measurement (Irrigation 500m³)	Mc-Gregor	Total Samples	Total Samples Complying
			Ashton	Bonnievale	Montagu	Robertson				
Average daily flows (ML)			Faulty	Faulty		error		0,16215		
pH	at 25°C	5.5 - 9.5	7,26	6,36	7,85	7,47	6.00 - 9.00	7,53	5	5
Conductivity	mS/m	>70.0 - <150	120	120	150	135	<200	126	5	5
COD Unfiltered	mg/L	>75.0	800	1310	1176	1097	<400	690	0	0
COD Filtered	mg/L	>75.0 After Algae Removal	25,5	32	45	40	N/A		4	4
Ammonia as N	mg/L	6.0 max	0,7	2,28	30,3	31,1	N/A		4	2
Nitrate as N	mg/L	15.0 max	5,3	0,45	0,18	0,86	N/A		4	4
Nitrite as N	mg/L	15.0 max	0,81	<0,05	0,66	0,46	N/A		0	0
Free Chlorine	mg/L	<0.25	<0,02	4,16	1,8	<0,02	N/A		0	0
TSS	mg/L	25	<2	<2	27	10,4	N/A		4	3
Faecal Coliforms	Org/100 ml	1000 max	910	0	0	>2000	<100 000	>2000	5	4
E Coli	Org/100 ml	1000,0	80	0	0	>2000	N/A		0	
								100%	87,10	
								Total	31	27