

<b>Treated Water</b>	<b>Requirement Measurement Blue Drop Standards</b>	Ashton	Bonnievale	McGregor	Montagu	Robertson	Total Samples	Total Samples Complying
		pH (at 25°C)	≥5.00 - ≤9.70	7,08	7,45	7,03	6,85	6,61
Conductivity (at 25°C)	≤170	54	54,3	13,6	45,9	11,2	5,00	5,00
Turbidity (NTU)	≤1.0 Operational	0,95	0,63	<0,32	<0,32	0,53	5,00	S
	≤5.0 -Aeshetic							5,00
Colour (mg/L as Pt)	≤15	<10	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	54,7	20	20	35,8	51,7	5,00	5,00
Free Chlorine (mg/L)	>0.0 - ≤5	1,87	0,08	0,02	0,62	0,98	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
<b>Percentage Compliant %</b>							<b>100,00</b>	

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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 <sup>3</sup> )	Mc-Gregor	Total Samples	Total Samples Complying	
			Ashton	Bonnievale	Montagu	Robertson					
pH	at 25°C	5.5 - 9.5	7,40	6,81	7,53	7,2	6.00 - 9.00	7,56	5	5	
Conductivity	mS/m	>70.0 - <150	160	106	130	150	<200	136	5	4	
COD Unfiltered	mg/L	>75.0	919	3370	1065	754	<400	1014	0	0	
COD Filtered	mg/L	>75.0 After Algae Removal	45,0	14	25	39	N/A		4	4	
Ammonia as N	mg/L	6.0 max	18,4	<0,10	18,7	16,1	N/A		4	1	
Nitrate as N	mg/L	15.0 max	<0,10	2,17	0,38	<0,10	N/A		4	4	
Nitrite as N	mg/L	15.0 max	0,97	0,06	0,46	<0,05	N/A		0	4	
Free Chlorine	mg/L	<0.25	0,26	0,34	0,81	0,98	N/A		0	0	
TSS	mg/L	25	<2	<2	<2	91,7	N/A		4	3	
Faecal Coliforms	Org/100 ml	1000 max	260	20	210	20000	<100 000	1700	5	3	
E Coli	Org/100 ml	1000,0	370	610	0	2000	N/A		0		
									100%	90,32	
									Total	31	28