

03-Feb-21		Requirement Measurement Blue Drop Standards	Ashton	Bonnievale	McGregor	Montagu	Robertson	Total Samples	Total Samples Complying
Treated Water									
pH (at 25°C)	≥5.00 - ≤9.70	7,33	7,2	7,04	7,54	6,67	5,00	5,00	
Conductivity (at 25°C)	≤170	39	42,2	13,9	51,8	10,2	5,00	5,00	
Turbidity (NTU)	≤1.0 Operational								
	≤5.0 -Aesthetic	0,51	<0,32	1,47	0,32	0,44	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	<50	50	51,7	<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	0,02	1,67	0,09	0,1	0,77	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	5	6	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-Feb-21				Requirement Measurement (Irrigation 500m ³)	Mc-Gregor	Total Samples	Total Samples Complying
			Ashton	Bonnievale	Montagu	Robertson				
Average daily flows (ML)			No meter	1,0053	1,8936	2,5688		0,1951		
pH	at 25°C	5.5 - 9.5	7,61	6,97	8,28	7,3	6.00 - 9.00	7,46	5	5
Conductivity	mS/m	>70.0 - <150	117	109	124	139	<200	143	5	5
COD Unfiltered	mg/L	>75.0	859		1060	999	<400	1068	0	0
COD Filtered	mg/L	>75.0 After Algae Removal	11,5	<10	15	34	N/A		4	4
Ammonia as N	mg/L	6.0 max	0,4	10,7	5,34	35,2	N/A		4	2
Nitrate as N	mg/L	15.0 max	4,6	0,43	0,31	1,77	N/A		4	4
Nitrite as N	mg/L	15.0 max	1,58	<0,05	0,94	2,45	N/A		0	0
Free Chlorine	mg/L	<0.25	0,78	1,75	0,5	0,77	N/A		0	0
TSS	mg/L	25	<2	<2	<2	28,6	N/A		4	3
Faecal Coliforms	Org/100 ml	1000 max	80	0	50	>2000	<100 000	77000	5	4
E Coli	Org/100 ml	1000,0	30	0	0	>2000	N/A		0	
								100%	87,10	
								Total	31	27