

Treated Water	Requirement	Ashton	Bonnievale	McGregor	Montagu	Robertson	Total Samples	Total Samples Complying
	Measurement Drop Blue Standards							
pH (at 25°C)	≥5.00 - ≤9.70	7,2	7,69	7,11	7,25	6,92	5,00	5,00
Conductivity (at 25°C)	≤170	60,3	124	12,9	49,3	19,3	5,00	5,00
Turbidity (NTU)	≤1.0 Operational						5,00	5,00
	≤5.0 -Aeshetic	0,45	1,36	1,73	<0,30	1,48	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	60	66,3	<50	<50	5,00	5,00
Iron (µg/L as Fe)	≤300 Aesthetic							
	Chronic Health ≤2000	20	<20	<20	<20	<20	5,00	5,00
Free Chlorine (mg/L)	>0.0 - ≤5	0,08	<0,02	0,06	2,3	0,08	5,00	5,00
E.Coli (cnt/100ml)	Not Detected	0	0	0	0	0	5,00	5,00
Total Coliform Bacteria	≤10	0	3	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-Jun-21				Requirement Measurement (Irrigation 500m ³)	Mc-Gregor	Total Samples	Total Samples Complying	
			Ashton	Bonnievale	Montagu	Robertson					
Average daily flows (ML)			O/C	O/C	2,1248	0,610277		0,27824			
pH	at 25°C	5.5 - 9.5	7,28	6,98	7,39	7,26	6.00 - 9.00	7,3	4	4	
Conductivity	mS/m	>70.0 - <150	150	182	138	175	<200	145	5	3	
COD Unfiltered	mg/L	>75.0	766	1900	4630	1160	<400	907	0	0	
COD Filtered	mg/L	>75.0 After Algae Removal	not done	not done	not done	not done	N/A		0	0	
Ammonia as N	mg/L	6.0 max	8,8	3,6	3,7	31,1	N/A		4	2	
Nitrate as N	mg/L	15.0 max	6,4	0,49	0,29	<0,10	N/A		4	4	
Nitrite as N	mg/L	15.0 max	Not done		Not done	note done	N/A		0	0	
Free Chlorine	mg/L	<0.25	1,42	1,62	0,97	0,29	N/A		0	0	
TSS	mg/L	25	<2	<2	<2	20.6	N/A		4	4	
Faecal Coliforms	Org/100 ml	1000 max	Not done	Not Done	Not done	note done	<100 000	Not done	5	0	
E Coli	Org/100 ml	1000,0	6	0	4	>2000	N/A		0		
								100%		65,38	
								Total		26	17