

Parameters	Unit		18-May-20				Requirement Measurement (Irrigation 500m³)	Mc-Gregor	Total Samples	Total Samples Complying
			Ashton	Bonnievale	Montagu	Robertson				
pH	at 25°C	5.5 - 9.5	7,27		7,5	7,05	6.00 - 9.00	7,52	5	0
Conductivity	mS/m	>70.0 - <150	128		122	115	<200	133	5	0
COD Unfiltered	mg/L	>75.0	611		1157	757	<400	988	0	0
COD Filtered	mg/L	>75.0 After Algae Removal	43,5		18	38	N/A		4	0
Ammonia as N	mg/L	6.0 max	5,3		4,34	10.3	N/A		4	0
Nitrate as N	mg/L	15.0 max	0,1		0,78	5,26	N/A		4	0
Nitrite as N	mg/L	15.0 max	0,46		0,2	0,38	N/A			0
Free Chlorine	mg/L	<0.25	1,38		0,99	1,55	N/A			0
TSS	mg/L	25	2		<2	24,4	N/A		4	0
Faecal Coliforms	Org/100 ml	1000 max	100		30	0	<100 000	15	5	0
E Coli	Org/100 ml	0,0	9		10	100	N/A			
								100 %		0,00
								Total	31	0

Treated Water	Requirement Measurement Blue Drop Standards	Ashton	Bonnievale	McGregor	Montagu	Robertson	Total Samples	Total Samples Complying
	pH (at 25°C)	≥5.00 - ≤9.70	7.01	7.86	6,57		6.78	5,00
Conductivity (at 25°C)	≤170	54.4	109	12,8		15.2	5,00	5,00
Turbidity (NTU)	≤1.0 Operational							
	≤5.0 -Aeshetic	<0.32	1.48	0,65		1.28	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		<50	5,00	5,00
Iron (µg/L as Fe)	≤300 Aesthetic							
	≤2000 Chronic Health	<20	<20	<20		<20	5,00	5,00
Free Chlorine (mg/L)	>0.0 - ≤5	2.96	0.26	0,88		0.53	5,00	5,00
E.Coli (cnt/100ml)	Not Detected	0	0	0		0	5,00	5,00
Total Coliform Bacteria	≤10	0	0	0		0	5,00	5,00
							10,00	10,00
Percentage Compliant %							100,00	