

Parameters	Unit	GENERAL LIMITS	SPECIAL LIMITS	15-May-22				Requirement Measurement (Irrigation 500m³)	Mc-Gregor	Total Samples	Total Samples Complying
				Ashton	Bonnievale	Montagu	Robertson				
Average daily flows (ML)						2,262		0,297			
pH	at 25°C	5.5 - 9.5	5.5 - 7.5	7,83	7,32	7,63	7,3	6.00 - 9.00	7,59	5	5
Conductivity	mS/m	<70.0 - <150	50mS/m above intake	183	149	134	125	<200	122	5	4
COD Unfiltered	mg/L	>75.0		907	1358	1230	957	<400	722	0	0
COD Filtered	mg/L	<75.0 After Algae Removal	30	51,0	57,0	53,0	171,0	N/A		4	3
Ammonia as N	mg/L	6.0 max	2.0	14,3	0,38	3,34	14,5	N/A		4	2
Nitrate as N	mg/L	15.0 max	1.5	18,2	0,65	0,35	<0,10	N/A		4	3
Nitrite as N	mg/L	15.0 max						N/A		0	0
Free Chlorine	mg/L	<0.25	0	0,03	0	0	0,03	N/A		0	0
TSS	mg/L	25	10	<2	18,4	11,2	73	N/A		4	3
Ortho-P	mg/L	10	1 med 2,5max								
Soap, oil or grease	mg/L	3	0								
Faecal Coliforms	Org/100 ml	1000 max	1000	330	132000	21000	520000	<100 000	290000	5	1
E Coli	Org/100 ml	1000,0						N/A		0	
									100 %		67,74
									Total	31	21

Feacal Coliform failed for langeberg because Cl2 in the country is limited therefore we only prioritise drinking H2O quality . NO Cl2 dosing at the WWTW curently.

15-May-22		Requirement Measurement Blue Drop Standards	Ashton	Bonnievale	McGregor	Montagu	Robertson	Total Samples	Total Samples Complying
Treated Water									
Inflow ML									
pH (at 25°C)		≥5.00 - ≤9.70	7,12	8,1	7,19	7,38	7,2	5,00	5,00
Conductivity (at 25°C)		≤170	68,2	79,8	12,6	58	9,37	5,00	5,00
Turbidity (NTU)		≤1.0 Operational							
		≤5.0 -Aesthetic	2,64	1,53	0,6	<0,30	0,81	5,00	5,00
Colour (mg/L as Pt)		≤15	<10	<10	<10		<10	5,00	5,00
Aluminium (µg/L as Al)		≤300	35,7	44,5	11,6	13,9	13,6	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	1,09	0,36	0,35	0,44	0,27	5,00	5,00
E.Coli (cnt/100ml)		Not Detected	0	0	0	0	0	5,00	5,00
Total Coliform Bacteria		≤10	13	2	1	0	0	5,00	4,00
								10,00	9,00