

15-Jun-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	7,07	7,46	7,12	7,37	7,55	5,00	5,00
Conductivity (at 25°C)		≤170	60,1	83,1	11,7	55,7	8,53	5,00	5,00
Turbidity (NTU)		≤1.0 Operational							
		≤5.0 -Aeshetic	<0,30	1,2	0,44	<0,30	0,46	5,00	5,00
Colour (mg/L as Pt)		≤15	<10	<10	<10	<10	<10	5,00	5,00
Aluminium (µg/L as Al)		≤300	15,5	18,4	32,4	31	19,4	5,00	5,00
Iron (µg/L as Fe)		≤300 Aesthetic ≤2000 Chronic Health	<0,05	<0,05	<0,05	<0,05	<0,05	5,00	5,00
Free Chlorine (mg/L)		>0.0 - ≤5	1,78	<0,01	0,25	0,32	0,11	5,00	5,00
E.Coli (cnt/100ml)		Not Detected	0	0	0	0	0	5,00	5,00
Total Coliform Bacteria		≤10	0	2	0	0	1	5,00	5,00
								10,00	10,00

Parameters	Unit	GENERAL LIMITS	SPECIAL LIMITS	15-Jun-22				Requirement Measurement (Irrigation 500m ³)	Mc-Gregor	Total Samples	Total Samples Complying	
				Ashton	Bonnievale	Montagu	Robertson					
Average daily flows (ML)				N/A			5,964					
pH	at 25°C	5.5 - 9.5	5.5 - 7.5	7,47	7,43	7,36	7,05	6.00 - 9.00	7,36	5	5	
Conductivity	mS/m	<70.0 - <150	50mS/m above intake	183	126	138	134	<200	148	5	4	
COD Unfiltered	mg/L			838	982	1164	1282		1443	0	0	
COD Filtered	mg/L	<75.0 After Algae Removal	30	45,0	29,0	114,0	355,0	<400	289	5	3	
Ammonia as N	mg/L	6.0 max	2.0	13,7	<0,10	2,7	5,3	N/A		4	3	
Nitrate as N	mg/L	15.0 max	1.5	8,2	1,01	2,13	0,48	N/A		4	4	
Nitrite as N	mg/L	15.0 max						N/A		0	0	
Free Chlorine	mg/L	<0.25	0	0,10	0,1	<0,01	0,28	N/A		0	0	
TSS	mg/L	25	10	<2	<2	10,8	224	N/A		4	4	
Ortho-P	mg/L	10	1 med 2,5max	4,96	1,5	4,89	7,2		9,97			
Soap, oil or grease	mg/L	3	0									
Faecal Coliforms	Org/100 ml	1000 max	1000	3400	4100	2600	240000	<100 000	20 000	5	1	
E Coli	Org/100 ml	1000,0						N/A		0		
									100	%	75,00	
									Total		32	24