

Parameters	Unit	GENERAL LIMITS	SPECIAL LIMITS	27-May-23				Requirement Measurement (Irrigation 500m ³)	Mc-Gregor	Total Samples	Total Samples Complying
				Ashton	Bonnievale	Montagu	Robertson				
Average daily flows (ML)											
pH	at 25°C	5.5 - 9.5	5.5 - 7.5	7,90	7,5	7,6	7,9	6.00 - 9.00	7,8	5	5
Conductivity	mS/m	<70.0 - <150	50mS/m above intake	243	142	144	197	<200	144	5	2
COD Unfiltered	mg/L			113	72,9	46,6	194			0	0
COD Filtered	mg/L	<75.0 After Algae Removal	30	93,1	60,7	36,4	185,0	<400	178	5	3
Ammonia as N	mg/L	6.0 max	2.0	58,8	11,4	22	59,2	N/A		4	0
Nitrate as N	mg/L	15.0 max	1.5	<0,20	0,37	6,7	<0,20	N/A		4	4
Nitrite as N	mg/L	15.0 max		<0,20	<0,20	1,1	<0,20	N/A		0	0
Free Chlorine	mg/L	<0.25	0	0,24	0,45	<0,05	272	N/A		0	0
TSS	mg/L	25	10	16	33	11	94	N/A		4	2
Ortho-P	mg/L	10	1 med 2,5max	6,30	<0,20	5	9,1				0
Soap, oil or grease	mg/L	3	0								0
Faecal Coliforms	Org/100 ml	1000 max	1000	>2419	>2419	>2419	>2419	<100 000	27 500	5	0
E Coli	Org/100 ml	1000,0		>2419	>2419	>2419	>2419	N/A		5	0
									100%	37,00	16,00
										43,24	

23-May-23	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	6,83	6,64	5,79	6,7	6,77	5,00	5,00
Conductivity (at 25°C)	≤170	103	82,7	9,7		5,4	5,00	5,00
Turbidity (NTU)	≤1.0 Operational							
	≤5.0 -Aeshetic	4,1	2,6	0,85		2,9	5,00	5,00
Colour (mg/L as Pt)	≤15	<4	<4	<4	<4	6	5,00	5,00
Aluminium (µg/L as Al)	≤300	268	977	234	350	580	5,00	2,00
Iron (µg/L as Fe)	≤300 Aesthetic							
	≤2000 Chronic Health	81	82	<20	58	82	5,00	5,00
Free Chlorine (mg/L)	>0.0 - ≤5	0,11	0,94	0,95	0,56	0,09	5,00	5,00
E.Coli (cnt/100ml)	Not Detected	<1	<1	<1	<1	<1	5,00	5,00
Total Coliform Bacteria	≤10	<1	<1	<1	<1	<1	5,00	5,00
							10,00	10,00