

14-Dec-23	Requirement Measurement Blue Drop	Ashton	Bonnievale	McGregor	Montagu	Robertson	Total Samples	Total Samples Complying
Treated Water								
Inflow ML								
pH (at 25°C)	≥5.00 - ≤9.70	7,45	7,74	6,72	7,38	6,26	5,00	5,00
Conductivity (at 25°C)	≤170	98,6	91,8	14,8	80,6	6,8	5,00	5,00
Turbidity (NTU)	≤1.0 Operational							
	≤5.0 -Aeshetic	0,87	1,9	0,75	0,43	2,4	5,00	5,00
Colour (mg/L as Pt)	≤15	<4	<4	<4	<4	<4	5,00	5,00
Aluminium (µg/L as Al)	≤300	<40	393	195	<40	226	5,00	4,00
Iron (µg/L as Fe)	≤300 Aesthetic ≤2000 Chronic Health	<20	51	36	<20	63	5,00	5,00
Free Chlorine (mg/L)	>0.0 - ≤5	0,46	0,19	0,9	0,91	0,46	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

Parameters	Unit	GENERAL LIMITS	SPECIAL LIMITS	Dec-23				Requirement Measurement (Irrigation 500m³)	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	7,50	7,7	7,5	7,6	6.00 - 9.00	7,9	5	5
Conductivity	mS/m	<70.0 - <150	50mS/m above intake	234	202	201	193	<200	150	5	1
COD Unfiltered	mg/L			60,3	95,7	81,6	135			0	0
COD Filtered	mg/L	<75.0 After Algae Removal	30	52,2	72,3	68,3	100,0	<400	100	5	4
Ammonia as N	mg/L	6.0 max	2.0	27,2	43,4	38	31	N/A		4	0
Nitrate as N	mg/L	15.0 max	1.5	0,75	<0,20	<0,20	<0,20	N/A		4	4
Nitrite as N	mg/L	15.0 max		<0,20	<0,20	<0,20	<0,20	N/A		4	4
Free Chlorine	mg/L	<0.25	0	0,10	<0,05	0,33	0,07	N/A		4	4
TSS	mg/L	25	10	11	30	26	54	N/A		4	1
Ortho-P	mg/L	10	1 med 2,5max	3,30	<0,2	4,8	0,48			4	4
Soap, oil or grease	mg/L	3	0								0
Faecal Coliforms	Org/100 ml	1000 max	1000	>2419	>2419	>2419	>2419	<100 000	53	5	0
E Coli	Org/100 ml	1000,0		>2419	>2419	>2419	>2419	N/A		5	0
									100%	49,00	27,00
										55,10	