

Parameters	Unit	GENERAL LIMITS	SPECIAL LIMITS	21-Aug-24				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	7,80	7,7	6,7	6,9	6.00 - 9.00	7,7	5	5
Conductivity	mS/m	<70.0 - <150	50mS/m above intake	240	118	139	207	<200	133	5	3
COD Unfiltered	mg/L			45,5	137	53,6	112			0	0
COD Filtered	mg/L	<75.0 After Algae Removal	30	36,7	108,0	49,0	89,9	<400	110	5	3
Ammonia as N	mg/L	6.0 max	2.0	<0,10	0,54	1	36,9	N/A		4	3
Nitrate as N	mg/L	15.0 max	1.5	7,6	<0,20	2,4	<0,20	N/A		4	4
Nitrite as N	mg/L	15.0 max		<0,20	<0,20	<0,20	<0,20	N/A		0	0
Free Chlorine	mg/L	<0.25	0	0,13	0,82	1,7	<0,05	N/A		0	0
TSS	mg/L	25	10	18	64	15	24	N/A		4	3
Ortho-P	mg/L	10	1 med 2,5max	3,30	1,2	3,7	4,4				0
Soap, oil or grease	mg/L	3	0								0
Faecal Coliforms	Org/100 ml	1000 max	1000	345	>2419	69	>2419	<100 000	93	5	3
E Coli	Org/100 ml	1000,0		326	>2419	66	>2419	N/A		4	2
									100 %	36,00	26,00
										72,22	

19-Aug-24		Requirement Measurement Blue Drop Standards	Ashton	Bonnievale	McGregor	Montagu	Robertson	Total Samples	Total Samples Complying
Treated Water									
Inflow ML				57,9l/s			130l/s		
pH (at 25°C)		≥5.00 - ≤9.70	6,62	6,75	6,51	7,13	6,38	5,00	5,00
Conductivity (at 25°C)		≤170	27	25,5	9,7	41,8	5,5	5,00	5,00
Turbidity (NTU)		≤1.0 Operational	0,37	1,4	0,47	0,15	2	5,00	3,00
		≤5.0 - Aesthetic						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	101	229	197	45	383	5,00	4,00
Iron (µg/L as Fe)		≤300 Aesthetic ≤2000 Chronic Health	<20	32	<20	<20	39	5,00	5,00
Free Chlorine (mg/L)		>0.0 - ≤5	>5	0,88	0,91	>5	1,4	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