

Jul-26	Requirement Measurement Drop Blue Standards	Ashton	Bonnievale	McGregor	Montagu	Robertson	Total	Compliance	
Treated Water									
Treated Water ML/month		136.64	172.33	26.57	45.7	219.23	600.47	0.00	
pH (at 25°C)	≥5.00 - ≤9.70	7.08	7.13	4.73	7.07	6.11	5.00	5.00	
Conductivity (at 25°C)	≤170	46.6	44.9	8.55	36.6	4.93	5.00	5.00	
Turbidity (NTU)	≤1.0 Operational	1.59	5.46	4.6	0.38	1.25	0.00	0.00	
	≤5.0 -Aeshetic						5.00	4.00	
Colour (mg/L as Pt)	≤15	<10	<10	<10	<10	<10	5.00	5.00	
Aluminium (µg/L as Al)	≤300 Operational	15.9	135	301	<10	14.9	5.00	4.00	
Iron (µg/L as Fe)	≤300 Aesthetic Chronic Health ≤2000	<20	52	32.1	<20	<20	5.00	5.00	
Free Chlorine (mg/L)	>0.0 - ≤5	0.05	<0,05	1.35	0.61	0.94	5.00	5.00	
E.Coli (cnt/100ml)	Not Detected	0	0	0	0	0	5.00	5.00	100%
Total Coliform Bacteria	≤10	0	0	0	0	0	5.00	5.00	100%
Total Samples per month							45.00	43.00	

Effluent quality: July 2026

Parameters	Unit	GENERAL LIMITS	SPECIAL LIMITS	Jul-26				Requirement Measurement (Irrigation 500m³)	Mc-Gregor	Total Samples	Total Samples Complying
				Ashton	Bonnievale	Montagu	Robertson				
	Average daily flows (ML)			2.45	1.8	3.5	8.45		0.3		
			kg/COD/day								
pH	at 25°C	5.5 - 9.5	5.5 - 7.5	7.35	7.12	7.39	N/A	6.00 - 9.00	7.11	4	4
Conductivity	mS/m	<70.0 - <150	50mS/m above intake	170	114	132	N/A	<200	126	4	3
COD Unfiltered	mg/L			26	42	32	N/A	<400	396	4	4
COD Filtered	mg/L	<75.0 After Algae Removal	30				N/A			0	0
Ammonia as N	mg/L	6.0 max	2.0	17.5	0.78	5.85	N/A	N/A		3	1
Nitrate as N	mg/L	15.0 max	1.5	3.45	0.23	1.45	N/A	N/A		3	3
Nitrite as N	mg/L	15.0 max		N/A	N/A	N/A	N/A	N/A		0	0
Free Chlorine	mg/L	<0.25	0	0.08	0.09	0.24	N/A	N/A		0	0
TSS	mg/L	25	10	<2	<2	<2	N/A	N/A		3	3
Ortho-P	mg/L	10	1 med 2,5max	15.1	0.42	3.29	N/A			3	2
Soap, oil or grease	mg/L	3	0				N/A			0	0
Faecal Coliforms	Org/100 ml	1000 max	1000	680	>2000	130	N/A	<100 000	>20000	4	3
E Coli	Org/100 ml	1000.0		N/A				N/A		0	0
								%		28.00	23.00
										82.14	