

Jun-26	Requirement Measurement Blue Drop Standards	Ashton	Bonnievale	McGregor	Montagu	Robertson	Total	Compliance	
Treated Water									
Treated Water ML/month		142.9	181.82	20.94	32.7	221.46	599.82		
pH (at 25°C)	≥5.00 - ≤9.70	7.28	7.18	6.18	7.35	5.24	5.00	5.00	
Conductivity (at 25°C)	≤170	63.9	65.9	8.61	88.9	5.16	5.00	5.00	
Turbidity (NTU)	≤1.0 Operational	2.55	6.98	0.48	1	3.3	0.00	0.00	
	≤5.0 -Aeshetic						5.00	4.00	
Colour (mg/L as Pt)	≤15	<10	16	<10	<10	<10	5.00	4.00	
Aluminium (µg/L as Al)	≤300	<10	253	<10	<10	89	5.00	5.00	
Iron (µg/L as Fe)	≤300 Aesthetic ≤2000 Chronic Health	<20	105	<20	<20	<20	5.00	5.00	
Free Chlorine (mg/L)	>0.0 - ≤5	0.05	0.51	<0,05	0.31	0.72	5.00	5.00	
E.Coli (cnt/100ml)	Not Detected	0	0	0	0	0	5.00	5.00	100%
Total Coliform Bacteria	≤10	4	0	0	0	0	5.00	5.00	100%
Total Samples per month							45.00	43.00	

Effluent quality: June 2026

Parameters	Unit	GENERAL LIMITS	SPECIAL LIMITS	Jun-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	8.2		0.3		
pH	at 25°C	5.5 - 9.5	5.5 - 7.5	6.80	7.43	6.93	7.11	6.00 - 9.00	7.04	5	0
Conductivity	mS/m	<70.0 - <150	50mS/m above intake	154	126	142	182	<200	123	5	3
COD Unfiltered	mg/L			32	40	64	44	<400	226	5	5
COD Filtered	mg/L	<75.0 After Algae Removal	30							0	0
Ammonia as N	mg/L	6.0 max	2.0	13.1	15.6	17.2	0.67	N/A		4	1
Nitrate as N	mg/L	15.0 max	1.5	4.1	1.31	1.62	2.39	N/A		4	4
Nitrite as N	mg/L	15.0 max		0.00		0		N/A		0	0
Free Chlorine	mg/L	<0.25	0	<0,05	0.27	0.19	0.05	N/A		0	0
TSS	mg/L	25	10	<2	<2	<2	<2	N/A		4	4
Ortho-P	mg/L	10	1 med 2,5max	2.35	1.12	6.56	2.39			4	4
Soap, oil or grease	mg/L	3	0								
Faecal Coliforms	Org/100 ml	1000 max	1000	560	20	230	>2000	<100 000	>2000	5	4
E Coli	Org/100 ml	1000.0		N/A	N/A	N/A		N/A			
										36.00	25.00

69.44%