

Parameters	Unit	GENERAL LIMITS	SPECIAL LIMITS	28/05/2026 EFFLUENT WATER QUALITY				Requirement Measurement (Irrigation 500m³)	Mc-Gregor	Total Samples	Total Samples Complying	
				Ashton	Bonnievale	Montagu	Robertson					
Average daily flows (ML)				2,45ML/d	1,8ML/d	3,5ML/d	4,2ML/d		0,30ML/d			
pH	at 25°C	5.5 - 9.5	5.5 - 7.5	6,93	7,42	6,89	6,92	6.00 - 9.00	7,08	5	5	
Conductivity	mS/m	<70.0 - <150	50mS/m above intake	151	147	125	158	<200	133	5	3	
COD Unfiltered	mg/L									0	0	
COD Filtered	mg/L	<75.0 After Algae Removal	30	35	51	45	250	<400	306	5	4	
Ammonia as N	mg/L	6.0 max	2.0	11,6	26,5	<0,10	<0,10	N/A		4	2	
Nitrate as N	mg/L	15. 0 max	1.5	9,9	1,29	1,54	1,69	N/A		4	4	
Nitrite as N	mg/L	15.0 max						N/A		0	0	
Free Chlorine	mg/L	<0.25	0	<0,05	0,26	0,16	0,79	N/A		0	0	
TSS	mg/L	25	10	<2	<2	<2	<2	N/A		4	1	
Ortho-P	mg/L	10	1 med 2,5max	4,00	2,92	7,98	3,73				0	
Soap, oil or grease	mg/L	3	0								0	
Faecal Coliforms	Org/100 ml	1000 max	1000	410	290	250	47000	<100 000	590 000	5	3	
E Coli	Org/100 ml	1000,0						N/A		0	0	
									100		32,00	22,00

Treated Water	Requirement Measurement Blue Drop	Ashton	Bonnievale	McGregor	Montagu	Robertson	Total Samples l/s	Total Samples Complying
Inflow ML		120		14	60	130	0,00	0,00
pH (at 25°C)	≥5.00 - ≤9.70	7,32	7,36	5,65	7,36	5,97	5,00	5,00
Conductivity (at 25°C)	≤170	65,6	69,3	8,64	77,6	5,15	5,00	5,00
Turbidity (NTU)	≤1.0 Operational	1,07	7,72	<0,30	0,93	1,57	0,00	0,00
	≤5.0 Aesthetic						5,00	5,00
Colour (mg/L as Pt)	≤15	<10	<10	<10	<10	<10	5,00	5,00
Aluminium (µg/L as Al)	≤300	14,7	110	27,5	<10	15,6	5,00	5,00
Iron (µg/L as Fe)	≤300 Aesthetic ≤2000 Chronic Health	<20	33,6	<20	<20	<20	5,00	5,00
Free Chlorine (mg/L)	>0.0 - ≤5	0,08	0,17	1	0,39	0,95	5,00	5,00
E.Coli (cnt/100ml)	Not Detected	0	0	0	0	0		
Total Coliform Bacteria	≤10	0	0	1	0	0		
Total Samples per month							35,00	35,00