

Green Drop report- Discharged final effluent

Parameters	Unit	GENERAL LIMITS	SPECIAL LIMITS	22-Apr-25				Requirement Measurement (Irrigation 500m³)	Mc-Gregor	Total Samples	Total Samples Complying
				Ashton	Bonnievale	Montagu	Robertson				
Average daily flows (ML)				3,415ML/d	1,8MU/d	3,5MU/d	4.2ML/d		0,03		
pH	at 25°C	5.5 - 9.5	5.5 - 7.5	7,40	7,2	7,6	7,5	6.00 - 9.00	7,3	5	5
Conductivity	mS/m	<70.0 - <150	50mS/m above intake	202	134	146	174	<200	115	5	3
COD Unfilter	mg/L			70,9	56,3	56,7	96,7			0	0
COD Filtered	mg/L	<75.0 After Algae Removal	30	103,0	51,8	62,7	85,0	<400	102	5	3
Ammonia as N	mg/L	6.0 max	2.0	44,1	0,99	12,9	50,8	N/A		4	1
Nitrate as N	mg/L	15. 0 max	1.5	<0,20	<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		0	0
Free Chlorine	mg/L	<0.25	0	0,15	0,21	0,31	2	N/A		0	0
TSS	mg/L	25	10	12	13	7	31	N/A		4	4
Ortho-P	mg/L	10	1 med 2,5max	4,90	<0,20	<0,20	2,7				0
Soap, oil or grease	mg/L	3	0								0
Faecal Coliform	Org/100 ml	1000 max	1000	>2419	>2419	>2419	>2419	<100 000	1 400	5	1
E Coli	Org/100 ml	1000,0		>2419	>2419	>2419	>2419	N/A		5	0
100 %										37,00	21,00
											56,76

Drinking water Quality report

Treated Water	Requirement Measurement Blue Drop Standards	22-Apr-25							Total Samples l/s	Total Samples Complying
		Ashton	Bonnievale	McGregor	Montagu	Robertson				
Inflow ML		120	56	14	60	130		324,00	5,00	
pH (at 25°C)	≥5.00 - ≤9.70	6,7	7,44	6,44	7,33	6,66		5,00	5,00	
Conductivity (at 25°C)	≤170	64,1	79	10,6	77	27,4		5,00	5,00	
Turbidity (NTU)	≤1.0 Operational									
	≤5.0 -Aesthetic	0,88	0,59	1,3	0,49	1,2		5,00	5,00	
Colour (mg/L as Pt)	≤15	<4	5	<4	<4	<4		5,00	5,00	
Aluminium (µg/L as Al)	≤300	106	188	408	<40	160		5,00	4,00	
Iron (µg/L as Fe)	≤300 Aesthetic ≤2000 Chronic Health	<20	<20	<20	<20	<20		5,00	4,00	
Free Chlorine (mg/L)	>0.0 - ≤5	<1	0,11	1,3	1,3	0,85		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	11	<1		5,00	4,00	