29-Jun-23 Treated Water	Requirement Measurement Blue Drop Standards	Ashton	Bonnievale	McGregor	Montagu	Robertson	Total Samples	Total Samples Complying
Inflow ML								
pH (at 25°C)	≥5.00 - ≤9.70	7,1	7,67	7,42	6,75	6,8	5,00	5,00
Conductivity (at 25°C)	≤170	48,9	105	8,8	30,8	5,3	5,00	5,00
Turbitity (NTU)	≤1.0 Operational							
	≤5.0 -Aeshetic	0,56	11,2	0,99	0,21	2,3	5,00	1,00
Colour (mg/L as Pt)	≤15			<4	<4	<4	5,00	5,00
Aluminium (µg/L as Al)	≤300	43	545	316	<40	612	5,00	2,00
Iron (µg/L as Fe)	≤300 Aesthetic ≤2000 Chronic Health	<20	101	<20	<20	<20	5,00	5,00
Free Chlorine (mg/L)	>0.0 - ≤5	1,3	0,19	1,2	<5	0,99	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	9	<1	<1	5,00	5,00
							10,00	10,00

Comments: The Al3 does not comply on other plants because of heavy rain and the Amazi Floc dosage has to be high. It means that filtering process needs to be done more frequently and water losses becomes too high.

Parameters	Unit	GENERAL LIMITS	SPECIAL LIMITS	27-Jun-23				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	7,6	7	7,1	6.00 - 9.00		5	5
Conductivity	mS/m	<70.0 - <150	50mS/m above intake	204	110	106	208	<200		5	2
COD Unfiltered	mg/L			100	56,2	34,1	199			0	0
COD Filtered	mg/L	<75.0 After Algae Removal	30	80,0	28,0	28,0	108,0	<400		5	2
Ammonia as N	mg/L	6.0 max	2.0	36,9	0,45	7,4	26,3	N/A		4	1
Nitrate as N	mg/L	15. 0 max	1.5	<0,20	1,9	1,6	<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	0,48	0,26	0,36	<0,05	N/A		0	0
TSS	mg/L	25	10	25	14	12	109	N/A		4	0
Ortho-P	mg/L	10	1 med 2,5max	5,80	<0,20	4,8	<0,20				0
Soap, oil or grease	mg/L	3	0								0
Faecal Coliforms	Org/100 ml	1000 max	1000	>2419	>2419	48	>2419	<100 000		5	1
E Coli	Org/100 ml	1000,0		>2419	>2419	48	>2419	N/A		5	1
								100	%	37,00	16,00
										43,24	