Green drop compliance monitoring report at Langeberg Municipality

Parameters	Unit	GENERAL LIMITS	SPECIAL LIMITS	27-May-25 Ashton	Bonnievale	Montagu	Robertson	Requirement Measurement (Irrigation 500m³)	Mc-Gregor	Total Samples	Total Samples Complying
Average daily flows (ML)				2,45	1.8	3,5	4,21		0,3		
pH	at 25°C	5.5 - 9.5	5.5 - 7.5	7,50	7,3	7,6	7,7	6.00 - 9.00	7,8	5	5
Conductivity	mS/m	<70.0 - <150	50mS/m above intake	207	163	146	201	<200	116	5	2
COD Unfiltered	mg/L			47,8	51	38,4	87,3			0	0
COD Filtered	mg/L	<75.0 After Algae Removal	30	42,4	48,6	33,5	66,9	<400	95,5	5	5
Ammonia as N	mg/L	6.0 max	2.0	45,9	20,9	4,9	66,5	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	0,18	<0,05	0,35	<0,05	N/A		0	0
TSS	mg/L	25	10	7	12	10	27	N/A		4	3
Ortho-P	mg/L	10	1 med 2,5max	3,20	5,4	5,4	9,6				0
Soap, oil or grease	mg/L	3	0								0
Faecal Coliforms	Org/100 ml	1000 max	1000	>2419	>2419	980	>2419	<100 000	7	5	2
E Coli	Org/100 ml	1000,0		>2419	>2419	866	>2419	N/A		4	1
								100	%	36,00	23,00
										63,89	

Blue drop compliance monitoring report at Langeberg Municipality

27-May-25 Treated Water	Requirement Measurement Blue Drop Standards	Ashton	Bonnievale	McGregor	Montagu	Robertson	Total Samples l/s	Total Samples Complying
Inflow ML		110l/s	56l/s	14	60	114l/s		5,00
pH (at 25°C)	≥5.00 - ≤9.70	6,73	7,05	6,38	7,39	6,42	5,00	5,00
Conductivity (at 25°C)	≤170	50,2	63,8	9,5	66,8	14	5,00	5,00
Turbitity (NTU)	≤1.0 Operational ≤5.0 -Aeshetic	0,57	0,95	1,3	0,33	1,6	5,00	5,00
Colour (mg/L as Pt)	≤15	<4	<4	<4	<4	<4	5,00	5,00
Aluminium (µg/L as Al)	≤300	323	394	520	700	543	5,00	0,00
Iron (µg/L as Fe)	≤300 Aesthetic ≤2000 Chronic Health	<20	83	25	21	21	5,00	4,00
Free Chlorine (mg/L)	>0.0 - ≤5	>5	1,5	0.11	<0,05	1,2	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	<1	<1	5,00	5,00