

DISCHARGE EFFLUENT QUALITY FOR LANGEBERG MUNICIPALITY OCTOBER 2025

Parameters	Unit	GENERAL LIMITS	SPECIAL LIMITS	12-Oct-25				Requirement Measurement (Irrigation 500m³)	Mc-Gregor	Total Samples	Total Samples Complying
				Ashton	Bonnievale	Montagu	Robertson				
Average daily flows (ML)				2,43ML/d	1,8ML/d	3,5ML/day	4,2ML/d		0,3		
pH	at 25°C	5.5 - 9.5	5.5 - 7.5	7,25	7,63	7,29	7,37	6.00 - 9.00	6,37	5	5
Conductivity	mS/m	<70.0 - <150	50mS/m above intake	146	168	141	192	<200	97,6	5	3
COD Unfilter	mg/L									0	0
COD Filtered	mg/L	<75.0 After Algae Removal	30	153	76	63	167	<400	177	5	2
Ammonia as	mg/L	6.0 max	2.0	20,1	56,1	6,1	78,4	N/A		4	1
Nitrate as N	mg/L	15. 0 max	1.5	0,2	0,77	10,8	<0,10	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	<0,05	0,25	0,12	N/A		0	0
TSS	mg/L	25	10	80	16	<2,00	14	N/A		4	3
Ortho-P	mg/L	10	1 med 2,5max	4,45	2,76	5,11	9,25				0
Soap, oil or g	mg/L	3	0								0
Faecal Colifo	Org/100 ml	1000 max	1000	150	>2000	3600	200000	<100 000	>2000	5	2
E Coli	Org/100 ml	1000,0						N/A		4	1
100 %										36,00	21,00
										58,33	

DRINKING WATER QUALITY FOR LANGEBERG MUNICIPALITY FOR OCTOBER 2025

22-Oct-25		Requirement Measurement		Ashton		Bonnievale		McGregor		Montagu		Robertson		Total Samples l/s		Total Samples Complying	
Treated Water		Blue Drop Standards															
Inflow ML				110l/s		56l/s		14		60		114l/s		0,00		0,00	
pH (at 25°C)		≥5.00 - ≤9.70		7,18		7,51		6,4		7,38		6,99		5,00		5,00	
Conductivity (at 25°C)		≤170		61,6		62,9		9,34		59,4		17,7		5,00		5,00	
Turbidity (NTU)		≤1.0 Operational		1,18		0,66		0,68		<0,30		0,35		0,00		0,00	
		≤5.0 -Aeshetic												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												0,00		0,00	
Iron (µg/L as Fe)		≤300 Aesthetic ≤2000 Chronic Health												0,00		0,00	
Free Chlorine (mg/L)		>0.0 - ≤5		2		0,5		0,27		1,35		0,34		5,00		5,00	
E.Coli (cnt/100ml)		Not Detected		0		1		0		0		0		5,00		5,00	
Total Coliform Bacteria		≤10		0		1		0		0		0		5,00		5,00	
														35,00		35,00	