

**MOSSSELBAY MUNICIPALITY: LABORATORY**

**ANALYSIS OF WATER NETWORK: MOSSSELBAY NR.2**



MONTH: 20 August 2024 (Repeats)

NR.	SAMPLE NAME	pH (5.5 - 9.5)	FREE CHLORINE (mg/L as Cl <sub>2</sub> )	COLOUR (≤ 20 mg/L)	TURBIDITY (≤ 1.00 NTU)	TOTAL COLIFORMS (≤ 5 cfu / 100ml)	E. Coli (0 cfu / 100ml)
✓ 1	BRANDWACHT CHURCH	7.98	0.07	2	0.218	0	0
✓ 2	TERGNIET RES.	9.37	0.09	4	0.242	0	0
✓ 3	FRAALUTSIG RES.	9.68	0.06	6	0.430	2	0
✓ 4	LANGEBERG 4.0 ML RES.	9.52	0.08	3	0.406	0	0
✓ 5	LANGEBERG 3.4 ML RES.	9.49	0.09	<1	0.212	0	0
✓ 6	HARTENBOS RES.	9.45	0.07	4	0.550	0	0
✓ 7	ALWYNDAL RES.	—	—	—	—	—	—

Analysed By: A. Miso Signature:

MOSELBAY MUNICIPALITY: LABORATORY



ANALYSIS OF WATER NETWORK: MOSSELBAY NR.2

MONTH: 07 August 2024

NR.	SAMPLE NAME	pH (5.5 - 9.5)	FREE CHLORINE (mg/L as Cl <sub>2</sub> )	COLOUR (≤ 20 mg/L)	TURBIDITY (≤ 1.00 NTU)	TOTAL COLIFORMS (≤ 5 cfu/100ml)	E. Coli (0 cfu/ 100ml)
✓ 1	BRANDWACHT CHURCH	8.27	0.09	5	0.365	0	0
✓ 2	TERGNIET RES.	9.53	0.04	9	0.347	0	0
✓ 3	FRAALUTSIG RES.	9.76	0.03	8	0.427	0	0
✓ 4	LANGEBERG 4.0 ML RES.	9.62	0.01	8	0.539	0	0
✓ 5	LANGEBERG 3.4 ML RES.	9.51	0.05	2	0.366	0	0
✓ 6	HARTENBOS RES.	9.48	0.10	6	* 1.14	0	0
✓ 7	ALWYNDAL RES.	—	—	—	—	—	—

Analysed By: A.MISO Signature: 

MOSELBAY MUNICIPALITY : LABORATORY



Mossel Bay  
M U N I C I P A L I T Y

ANALYSIS OF WATER NETWORK: MOSELBAY NR.1

MONTH: 05 August 2024

NR	SAMPLE NAME	pH (5.5-9.5)	FREE CHLORINE (mg/L as Cl <sub>2</sub> )	Apparent Colour (< 20 mg/L as Pt)	TURBIDITY (1.0 NTU)	TOTAL COLIFORMS (5cfu/100ml)	E. COLI (0cfu/ 100ml)
✓8	BOGGOMSBAAI RES.	8.17	0.04	<1	0.200	0	0
✓9	DANA BAY RES.	8.39	0.04	5	0.361	0	0
✓10	KWANONQABA SCHOOL (TAP)	8.58	0.07	13	0.868	0	0
✓11	D'AMEIDA RES.	8.69	0.07	3	0.433	0	0
✓12	VERY HIGH:IN RES.	8.80	0.06	5	0.617	0	0
✓13	HIGH LEVEL RES.	8.89	0.08	0	0.349	0	0
✓14	HILL'S RES.	8.84	0.05	2	0.378	0	0
✓15	CUFF'S RES.	8.88	0.03	5	0.435	0	0
✓16	DALY'S RES.	8.90	0.04	9	0.695	0	0
✓18	BARTELFONTEIN (REIN)	8.86	0.06	8	0.485	0	0
✓19	CKI (TAP)	8.87	0.07	13	0.924	0	0

Analysed By: A.MISO  
Signature: 

MOSELBAY MUNICIPALITY: LABORATORY

ANALYSIS OF WATER NETWORK: GROOTBRAK



Mossel Bay  
MUNICIPALITY

MONTH: 27 August 2004 (Water - networks Repeats)

NR	SAMPLE NAME	pH (5.5-9.5)	FREE CHLORINE (mg/L as Cl <sub>2</sub> )	Apparent Colour (≤ 20 mg/L as Pt)	TURBIDITY (1.0 NTU)	TOTAL COLIFORMS (5cfu/100ml)	E. COLI (0cfu/100ml)
✓ 1	MOSELSTRAAT	7.72	0.08	17	0.902	0	0
✓ 4	PLATOWALK (1)	7.88	0.11	12	* 1.10	0	0
✓ 5	PLATOWALK (2)	7.94	0.08	4	0.249	0	0
✓ 6	DWARSWEG STRAND	8.38	0.08	7	0.250	0	0
✓ 7	SUIDERKRUIS	8.61	0.27	9	0.322	0	0
✓ 8	KIEWIETGELAAN	8.72	0.02	9	0.530	0	0
✓ 9	WOLVEDANS	8.82	0.07	2	0.294	0	0
✓ 10	RHEBOKSFANTEIN	8.61	0.09	7	0.273	0	0
✓ 11	NIEKIE-BER HOOGTE 200KL						
✓ 12	GROOTBRAK HOOGTE 200KL	8.82	0.12	8	0.821	0	0

Analysed By: A. Miso Signature:  (P. Sci. Nat.)

Mosselbay Municipality: Laboratory Services  
 Monthly Analysis of Water Treatment Plants (Final Water)

Month: August 2024



Mossel Bay  
 MUNICIPALITY

Parameter	Sandhoogte ✓ 21 August 2024	Kleinbrak ✓ 21 August 2024	Grootbrak ✓ 21 August 2024	Ruiterbos ✓ 28 August 2024	Friemersheim ✓ 19 August 2024	Herbertsdale ✓ 26 August 2024	LOD ✓ 26 August 2024
pH @ 25°C	8.94	8.55	6.55	6.95	9.85	6.71	7.18
Conductivity @ 25°C (mS/m)	19.72	46.50	30.7	15.02	20.95	39.80	81.90
Turbidity (NTU)	0.272	0.189	0.300	0.658	0.690	0.893	* 2.11
Colour (mg/l Pt-Co)	5	3	7	8	12	17	* 27
Alkalinity (mg/l as CaCO <sub>3</sub> )	16	30	14	8	38	26	70
Calcium (mg/l as Ca)	8.01	14.81	14.41	35	1.60	6.41	36.84
Magnesium (mg/l as Mg)	2.43	9.48	1.94	2.80	1.22	5.35	10.69
Chloride (mg/l as Cl)	45	118	84	1.70	42	89	165
Fluoride (mg/l as F <sup>-</sup> )	0.110	0.16	0.12	0.11	0.07	0.09	0.12
Sulphates (mg/l as SO <sub>4</sub> )	1	9	3	0	1	8	0.12
Nitrate & Nitrite (mg/l)	0.309	0.306	0.612	0	0.614	0.378	24
Iron (ug/l as Fe)	20	30	30	0.689	10	70	0.283
Manganese (ug/l as Mn)	<10	<10	<10	<10	40	70	270
Aluminium (ug/l as Al)	215	264	181	206	220	<10	<10
Free Chlorine (mg/L)	1.40	1.58	0.83	1.24	1.04	129	235
Total Coliforms per 100 ml	0	0	0	0	0	0.08	0.05
E.coli per 100 ml	0	0	0	0	0	1.0	0

Analysed By: A. Miso  
 Signature: [Signature]

Mosselbay Municipality: Laboratory Services  
Small Water Network

August 2024



Mossel Bay  
MUNICIPALITY

NR.	Reservoir	Date	pH	Free Chlorine 0.2 - 0.5mg/L	Apparent Color ≤ 15	Turbidity ≤ 1 NTU	Total Coliforms ≤ 10/100ml	E. Coli 0/100ml
✓1	Buisplaas Suid	26/08/2024	7.09	0.03	*172	*17.9	0	0
✓2	Buisplaas Noord	26/08/2024	7.18	0.05	*27	*2.11	0	0
✓3	Buisplaas Biblioteek	26/08/2024	8.63	0.03	*18.3	*121	0	0
✓4	Herbertsdale Pumpstation	26/08/2024	6.71	0.08	17	0.893	0	0
✓5	Herbertsdale Mun. Kantoor	26/08/2024	8.47	0.10	12	0.690	0	0
✓6	Herbertsdale Winkel	26/08/2024	8.67	0.06	14	0.744	0	0
✓7	Herbertsdale Reservoir	26/08/2024	8.71	0.15	9	0.700	0	0
✓8	Ruiterbos Bosbou	28/08/2024	6.95	1.24	8	0.658	0	0
✓9	Ruiterbos Kleuterskool	28/08/2024	7.83	0.02	4	0.559	0	0
✓10	Ruiterbos Wellington huis	28/08/2024	7.69	1.05	10	0.468	0	0
✓11	Freimersheim-Jetro Huis	19/08/2024	9.48	0.75	5	0.373	0	0
✓12	Freimersheim-Kleuterskool	19/08/2024	9.77	0.89	5	0.281	0	0
13	Freimersheim-Plant	19/08/2024	9.85	1.04	12	0.690	0	0

Analysed By:.....A.M:SD

Signature:.....