



BLUE FLAG

WEEKLY ENTEROCOCCI RESULTS
WATER SAMPLES COLLECTED, ANALYSED AND REPORTED INDEPENDENTLY BY THE SABS LABORATORY
(IF A SAMPLE FAILS BLUE FLAG WATER QUALITY REQUIREMENTS THE BLOCK BELOW WILL BE COLOURED RED)

RECREATIONAL NODES	Blue Flag results: Enterococci count per 100ml																			
	28 Nov 23	07 Dec 23	13 Dec 23	19 Dec 23	03 Jan 23	09 Jan 24	16 Jan 24	23 Jan 24	30 Jan 24	06 Feb 24	13 Feb 24	20 Feb 24	27 Feb 24	04 Mar 24	05 Mar 24	13 Mar 24	18 Mar 24	19 Mar 24	27 Mar 24	Season and sampling concluded as of 31 Jan 2024
ATLANTIC COAST																				
1. Silwerstroom	0	0	0	0	0	0	0	0	0											✓
2. Melkbosstrand	0	0	0	0	8	0	2	0	8											✓
3. Clifton 1 – 4	2	0	0	53	0	0	0	6	16											✓
4. Camps Bay	0	16	0	0	0	0	28	3	9	0	57	5	98		13	>150	29	0	0	
5. Llandudno beach	0	37	0	0	0	0	0	9	2											✓
6. Hout Bay beach (Pilot)	*NYM	0	66	4	0	0	9	22	18											✓
7. Fish Hoek Swimming Area	2	1	0	2	42	2	9	0	5											✓
8. Muizenberg pavilion	3	2	22	3	34	82	11	0	0	7	37	3	5		9	>150	3	0	48	
9. Strandfontein	77	2	4	4	7	6	10	0	47	0	16	7	>150	0	14	>150	52	45	0	
10. Mnandi Beach East (Pilot)	62	4	14	6	21	21	35	0	93											✓
11. Bikini Beach	7	0	4	0	0	0	26	0	2											✓

*NYM – not yet monitored. ** TFD - too few data. ***ND – no data.

COASTAL MANAGEMENT WATER QUALITY RESEARCH PROGRAMME

The Coastal Management Branch is sampling 30 sites weekly for enterococci as part of a research programme over a 12 month period. Analysis and results by SABS Laboratory.

WEEKLY INTERNAL ENTEROCOCCI RESULTS AT KEY RECREATIONAL AREAS

Location	03 Oct 23	10 Oct 23	17 Oct 23	24 Oct 23	31 Oct 23	08 Nov 23	15 Nov 23	29 Nov 23	05 Dec 23	10 Jan 24	23 Jan 24	30 Jan 24	06 Feb 24	13 Feb 24	20 Feb 24	27 Feb 24	05 Mar 24	12 Mar 24	20 Mar 24	26 Mar 24
1. Big Bay	39	2	0	32	3	34	5	27	0	2	0	0	6	0	0	1	1	10	0	0
2. Milnerton Lighthouse	22	4	>150	>150	12	17	3	1	0	1	>150	2	2	>150	11	15	56	34	0	9
3. Lagoon Beach	>150	11	9	>150	5	5	2	4	111	0	>150	1	44	>150	66	28	80	33	65	58
4. Three Anchor Bay NW Rocks	0	0	0	1	1	49	2	0	9	0	0	0	12	2	8	0	66	0	0	0
5. Clifton 2nd Beach	0	0	0	33	0	69	0	0	0	0	8	2	0	4	0	2	0	0	0	0
6. Clifton 4th Beach	0	0	0	4	0	27	3	0	0	9	0	0	6	0	3	32	0	9	13	0
7. Glen Beach	2	6	10	1	0	17	0	0	8	0	0	0	1	0	23	0	8	0	0	0
8. Camps Bay Tidal Pool	3	78	0	>150	6	9	0	1	55	1	0	0	1	0	13	0	0	0	0	0
9. Camps Bay Central	NYM*	NYM*	NYM*	NYM*	NYM*	NYM*	NYM*	NYM*	NYM*	NYM*	NYM*	NYM*	NYM*	NYM*	0	>150	4	0	0	0
Logies Bay+	17	0	0	4	0	8	0	+Monitoring concluded	+	+	+	+	+	+	+	+	+	+	+	+
10. Llandudno	NYM*	NYM*	NYM*	NYM*	NYM*	NYM*	NYM*	NYM*	0	73	0	2	0	6	0	0	0	0	0	0
11. Hout Bay	>150	14	0	106	6	>150	118	0	101	5	0	22	0	29	14	0	12	855	25	23
12. Kommetjie Long Beach	6	11	2	1	24	2	0	3	2	21	0	1	4	3	6	3	0	0	0	5
Millers Point Tidal Pool+	0	0	0	0	0	0	0	3	0	0	0	0	2	+Monitoring concluded	+	+	+	+	+	+
13. Seaforth	23	16	0	>150	2	46	5	6	30	61	142	11	7	7	125	33	11	112	3	0

Water quality ratings at recreational nodes and coastal monitoring points along the Atlantic and False Bay coasts in Cape Town, South Africa

14. Simons Town Long Beach	5	16	>150	12	14	7	109	6	>150	3	94	15	4	0	18	37	8	31	9	8	
15. Fish Hoek	21	12	1	20	12	6	7	11	3	0	20	7	>150	10	0	2	0	1	2	0	
16. Dalebrook Tidal Pool	0	3	0	0	3	0	0	1	17	0	2	3	2	0	13	0	25	0	8	0	
17. St James Tidal Pool	0	3	0	11	6	0	0	1	13	2	12	0	53	0	13	2	4	1	0	0	
18. Muizenberg Surfing Area	77	24	0	1	26	0	0	14	24	11	4	6	7	26	2	4	3	80	0	>150	
Strandfontein Point West of Tidal Pool+	0	3	15	2	5	4	0	38	15	3	26	>150	+Monitoring concluded	+	+	+	+	+	+	+	
19. Strandfontein Point East of Tidal Pool	NYM*	NYM*	NYM*	NYM*	NYM*	NYM*	NYM*	NYM*	NYM*	NYM*	NYM*	NYM*	NYM*	4	>150	0	71	14	6	27	24
20. Strandfontein Tidal Pool	5	0	0	63	1	0	0	2	0	2	0	>150	0	0	8	0	7	16	0	17	
21. Monwabisi Tidal Pool	8	5	0	0	33	0	2	6	0	9	0	3	7	0	27	37	0	9	>150	34	
22. Monwabisi Beach	30	4	21	>150	>150	0	79	0	>150	>	27	3	0	0	11	>150	390	14	29	530	
23. Strand Pipe	27	123	0	11	>150	>150	6	0	80	2	2	26	>150	0	>150	>150	20	1254	9	20	
24. Strand Beach	0	4	36	6	5	19	0	0	11	1	0	0	0	0	8	36	0	9	32	3	

*NYM – not yet monitored. ** TFD - too few data. ***ND – no data. *Research at this site ceased.

COASTAL MANAGEMENT WATER QUALITY RESEARCH PROGRAMME

Part of the research programme is to sample five river and estuary mouths to research the suspected pollution risk emanating from outlets into the coastal zone. Analysis and results by SABS Laboratory.

WEEKLY INTERNAL ENTEROCOCCI RESULTS IN RIVER AND ESTUARY MOUTHS

*NYM – not yet monitored. ** TFD - too few data. ***ND – no data. *Research at this site ceased.

Location	03 Oct 23	10 Oct 23	17 Oct 23	24 Oct 23	31 Oct 23	08 Nov 23	15 Nov 23	29 Nov 23	05 Dec 23	10 Jan 24	23 Jan 24	30 Jan 24	06 Feb 24	13 Feb 24	20 Feb 24	27 Feb 24	05 Mar 24	12 Mar 24	20 Mar 24	26 Mar 24
25. Gordons Bay Sir Lowrys River	>150	49	>150	4	>150	91	13	20	30	2	0	107	6	101	44	17	210	36	31	6
26. Diep River Estuary Mouth	>150	13	>150	>150	>150	42	16	920	0	>150	>150	>150	25	>150	53	>150	101	>150	127	59
27. Camps Bay Tidal Pool Stream	>150	>150	>150	>150	>150	>150	11100	940	>1500	>150	>150	>150	>150	>150	>150	>150	>1500	>150	>150	>150
28. Glencairn Elsa River Mouth	55	37	49	>150	38	>150	36	102	11	>150	76	0	6	>150	>150	48	26	12	6	76
29. Clovelly Silvermine	50	>150	0	>150	>150	>150	>150	>150	>150	>150	>150	>150	75	>150	>150	>150	>150	>150	55	>1500
30. Zandvlei Mouth	32	22	0	2	5	0	13	18	58	9	0	4	>150	10	0	5	0	64	0	15

RECOGNISED COASTAL RECREATION NODES – BEACHES AND TIDAL POOLS

- Coastal water quality data at recreational nodes that have been historically reported on.
- Data presented from November 2023 when City enterococci sampling re-started and the table is updated as data comes in.
- Data as provided by City Scientific Services.
- Recreational risk criteria categories will be calculated once there are a minimum of 10 results for each site from 01 November 2023.

ATLANTIC COAST (Recreational Nodes)

RECREATIONAL NODES	CoCT Scientific Services results: Enterococci count per 100ml							
	08 Nov 23	22 Nov 23	06 Dec 23	December '23 and Jan '24	10 Jan 24	07 Feb 24	14 Feb 24	07 Mar 24
ATLANTIC COAST								
1. Silverstroomstrand resort	<1	380	***ND	***ND	<1 (10 Jan)	***ND	<1	***ND
2. Silverstroom	20	340	***ND	***ND	<1 (10 Jan)	***ND	<1	***ND
3. Melkbosstrand	<1	140	***ND	***ND	<1 (10 Jan)	***ND	20	***ND
4. Big Bay	<1	50	***ND	***ND	10 (10 Jan)	***ND	<1	***ND
5. Small Bay	20	10	***ND	***ND	<1 (10 Jan)	***ND	<1	***ND
6. Table View	<1	70	***ND	***ND	<1 (10 Jan)	***ND	<1	***ND
7. Milnerton lighthouse	250	380	***ND	6 (22 Dec)	10 (10 Jan)	***ND	30	***ND
8. Lagoon Beach	2	450	170	30 (03 Jan)	30 (03 Jan)	***ND	20	***ND
9. Three Anchor Bay	2	440	4110	40 (03 Jan)	40 (03 Jan)	***ND	930	***ND
10. Three Anchor Bay West	***ND	16	***ND	***ND	***ND	***ND	***ND	***ND
11. Rocklands Beach	<1	<1	***ND	<1 (03 Jan)	<1 (03 Jan)	***ND	<1	***ND
12. Milton Beach tidal pool	<1	<1	<1	<1 (03 Jan)	<1 (03 Jan)	***ND	<1	***ND
13. Saunders Rocks tidal pool	<1	<1	20	<1 (03 Jan)	<1 (03 Jan)	***ND	<1	***ND
14. Clifton 1 – 4	<1	10	<1	60 (03 Jan)	60 (03 Jan)	***ND	<1	***ND
15. Maidens Cove tidal pool 1	10	270	130	10 (03 Jan)	10 (03 Jan)	***ND	<1	***ND
16. Maidens Cove tidal pool 2	<1	<1	<1	<1 (03 Jan)	<1 (03 Jan)	***ND	<1	***ND

Water quality ratings at recreational nodes and coastal monitoring points along the Atlantic and False Bay coasts in Cape Town, South Africa

17. Glen Beach	<1	<1	10	<1 (03 Jan)	<1 (03 Jan)	***ND	***ND	***ND
18. Camps Bay North	<1	<1	10	<1 (03 Jan)	<1 (03 Jan)	***ND	***ND	***ND
19. Camps Bay	<1	<1	10	1 (03 Jan)	1 (03 Jan)	***ND	<1	***ND
20. Camps Bay tidal pool A	80	10	<1	150 (03 Jan)	150 (03 Jan)	***ND	<1	***ND
21. Camps Bay tidal pool B	100	<1	20	<1 (03 Jan)	<1 (03 Jan)	***ND	10	***ND
22. Beta Beach	<1	<1	<1	<1 (03 Jan)	<1 (03 Jan)	***ND	20	***ND
23. Bakoven bungalows	<1	<1	<1	<1 (03 Jan)	<1 (03 Jan)	***ND	<1	***ND
24. Cosy Bay (Oude Kraal)	***ND	10	<1	<1 (13 Dec)	<1 (10 Jan)	***ND	***ND	***ND
25. Llandudno beach	<1	28	<1	<1 (13 Dec)	<1 (10 Jan)	***ND	***ND	***ND
26. Hout Bay beach	***ND	<1	<1	<1 (13 Dec)	<10 (10 Jan)	10	***ND	***ND
27. Long Beach, Kommetjie	30	<1	***ND	<1 (14 Dec)	<1 (10 Jan)	<1	***ND	10
28. Scarborough beach	<1	50	***ND	<1 (14 Dec)	<1 (10 Jan)	<1	***ND	4410

*NYM – not yet monitored. ** TFD - too few data. ***ND – no data.

FALSE BAY COAST (Recreational Nodes)

RECREATIONAL NODES	CoCT Scientific Services results: Enterococci count per 100ml					
	08 Nov 23	22 Nov 23	13 & 14 December '23	10 Jan 24	07 Feb 24	07 Mar 24
FALSE BAY COAST						
1. Frank's Bay	<1	<1	<1 (14 Dec)	10	<1	<1
2. Miller's Point	10	30	1 (14 Dec)	***ND	<1	<1
3. Seaforth Beach	200	<1	1 (14 Dec)	<1	<1	20
4. Boulders Beach	<1	10	1 (14 Dec)	<1	<1	10
5. Simon's Town Long Beach	10	10	<1 (14 Dec)	1670	10	<1
6. Glencairn beach	10	10	1 (14 Dec)	30	<1	<1
7. Fish Hoek Swimming Area	10	<1	<1 (13 Dec)	<1	***ND	30
8. Fish Hoek beach	<1	40	<1 (14 Dec)	10	<1	<1
9. Clovelly	<1	20	2 (14 Dec)	<1	***ND	<1

Water quality ratings at recreational nodes and coastal monitoring points along the Atlantic and False Bay coasts in Cape Town, South Africa

10. Kalk Bay harbour beach	30	<1	<1 (13 Dec)	30	30	10
11. Kalk Bay tidal pool	300	<1	<1 (13 Dec)	<1	30	<1
12. Dalebrook tidal pool	<1	20	<1 (13 Dec)	<1	<1	<1
13. St James tidal pool	<1	20	10 (13 Dec)	<1	<1	<1
14. Muizenberg central	<1	50	<1(13 Dec)	<1	***ND	20
15. Muizenberg pavilion	40	10	<1 (13 Dec)	10	280	40
16. Sunrise Beach	190	70	<1 (13 Dec)	220	110	200
17. Strandfontein	<1	10	***ND	<1	<1	<1
18. Strandfontein tidal pool	<1	140	<1 (13 Dec)	20	20	10
19. Mnandi Beach West	<1	10	***ND	<1	<1	90
20. Mnandi Beach East	<1	10	***ND	170	<1	10
21. Monwabisi tidal pool	<1	10	30 (13 Dec)	170	<1	<1
22. Monwabisi beach	<1	10	360 (13 Dec)	450	<1	120
23. Macassar beach	10	250	<1 (13 Dec)	<1	60	750
24. Strand water slides	***ND	46	***ND	***ND	***ND	***ND
25. Strand beach pedestrian crossing	***ND	50	***ND	***ND	***ND	***ND
26. Strand beach	20	50	4 (13 Dec)	<1	620	850
27. Strand Murray street	***ND	10	***ND	***ND	***ND	***ND
28. Strand Pavilion jetty	240	10	4(13 Dec)	170	<1	20
29. Strand Harmonie Park	470	170	1(13 Dec)	20	<1	1180
30. Gordon's Bay	50	60	***ND	<1	<1	260
31. Gordons Bay Milkwood	***ND	57	***ND	***ND	***ND	***ND
32. Bikini Beach	<1	<1	<1(13 Dec)	<1	20	<1
33. Kogel Bay	***ND	99	***ND	<1	***ND	***ND

*NYM – not yet monitored. ** TFD - too few data. ***ND – no data.

COASTAL MONITORING POINTS

- Coastal water quality data at monitoring points as have been historically reported on.
- Data presented from November 2023 when City enterococci sampling re-started and the table is updated as data comes in.
- Data as provided by City Scientific Services.
- Recreational risk criteria categories will not be calculated as these are not recreational areas.

ATLANTIC COAST (Coastal Monitoring Points)

COASTAL MONITORING POINTS	CoCT Scientific Services results: Enterococci count per 100ml										
	18 Jan 23	15 Feb 23	01 Mar 23	12 Oct 23	08 Nov 23	22 Nov 23	06 Dec 23	03 Jan 24	07 Feb 24	14 Feb 24	07 Mar 24
ATLANTIC COAST											
Big Bay near stormwater discharge	145	***ND	291	10	<1	110	***ND	***ND	***ND	170	***ND
Granger Bay	>2419	472	>2419	<1	***ND	1560	630	<1	***ND	10	***ND
Mouille Point	1986	>2419	>2419	<1	<1	2190	430	<1	***ND	10	***ND
Green Point pump station	549	1120	45	10	<1	1040	740	10	***ND	40	***ND
Park Road, Green Point	140	387	196	<1	<1	2310	130	<1	***ND	<1	***ND
Rocklands	172	461	816	<1	<1	***ND	***ND	***ND	***ND	40	***ND
Milton beach tidal pool (outside)	344	2419	1553	<1	<1	***ND	60	<1	***ND	330	***ND
Sunset beach tidal pool (outside)	435	691	816	990	4	8660	<1	<1	***ND	20	***ND
Saunders' Rocks	54	980	>2419	40	7	***ND	17330	50	***ND	>24190	***ND
Saunders' Rocks tidal pool (outside)	510	547	>2419	<1	<1	***ND	14140	***ND	***ND	<1	***ND
Maiden's Cove	162	261	921	<1	<1	***ND	<1	<1	***ND	<1	***ND
Maiden's Cove tidal pool 1 (outside)	>2419	365	727	<1	<1	***ND	<1	<1	***ND	<1	***ND
Maiden's Cove tidal pool 2 (outside)	120	1120	1986	10	<1	***ND	<1	<1	***ND	<1	***ND
Camps Bay tidal pool (outside)	31	2419	238	<1	<1	***ND	<1	20	***ND	<1	***ND
Horne Bay beach	>2419	153	770	<1	<1	***ND	<1	<1	***ND	<1	***ND
Noordhoek South	33 (10 Jan)	***ND	13 (04 April)	***ND	***ND	<1	***ND	***ND	***ND	***ND	***ND
The Kom	>2419 (12 Jan)	***ND	***ND	<1 (19 Oct)	<1 (16 Nov)	<1	***ND	***ND	20	***ND	60

*NYM – not yet monitored. ** TFD - too few data. ***ND – no data.*

FALSE BAY COAST (Coastal Monitoring Points)

COASTAL MONITORING POINTS FALSE BAY COAST	CoCT Scientific Services results: Enterococci count per 100ml									
	11 Jan 23	15 Feb 23	01 Mar 23	18 Oct 23	08 Nov 23	15 Nov 23	22 Nov 23	29 Nov 23	07 Feb 24	07 Mar 24
Simon's Town Harbour	***ND	1986 (22 Feb)	***ND	<1	***ND	***ND	365	<1	<1	10
Simon's Town Diving School	***ND	1986 (2 Feb)	***ND	<1	***ND	***ND	7260	20	10	<1
Kalk Bay rocks	37	26 (22 Feb)	132 (05 April)	***ND	<1 (01 Nov)	<1	<1	***ND	<1	<1
Ex Sandown Hotel site	62	461	56	***ND	80 (01 Nov)	30	1733	***ND	10	<1
Lifebox 21	27	>2419 (22 Feb)	>2419 (05 April)	***ND	<1 (01 Nov)	1250	1250	***ND	350	140
Lifebox 23	140	>2149 (22 Feb)	>2419 (05 April)	***ND	100 (01 Nov)	1160	1160	***ND	1920	240
Sonwabe	1986	>2419 (22 Feb)	1733 (05 April)	***ND	50 (01 Nov)	30	30	***ND	1290	50
Ribbon parking area	>2419	>2419 (22 Feb)	>2419 (05 April)	***ND	110 (01 Nov)	130	130	***ND	540	120
Muizenberg station	***ND	***ND	***ND	***ND	***ND	***ND	***ND	***ND	60	20
Lifebox 30	187	>2419 (22 Feb)	>2419 (05 April)	***ND	50 (01 Nov)	50	50	***ND	50	290
Lukannon Drive wastewater pump station	356	343 (22 Feb)	1986 (05 April)	60	<1 (10 Nov)	<1	<1	***ND	<1	440
Mitchells Plain wastewater effluent discharge	284	727 (22 Feb)	>2419 (05 April)	100	***ND	60	60	***ND	20	3650
Mitchells Plain stormwater west discharge, East	>2419	1120 (22 Feb)	>2419 (05 April)	<1	***ND	20	20	***ND	15530	40
Mitchells Plain stormwater west discharge, West	575	1300 (22 Feb)	>2419 (05 April)	10	***ND	40	40	***ND	330	140
Strand MPA	184	1120	117 (28 Feb)	***ND	***ND	***ND	1986	***ND	***ND	***ND
Strand opp Woltemade St	479	921 (22 Feb)	240 (05 April)	1240	***ND	10	10	***ND	<1	740
Strand near Lourens River mouth	44	1203 (22 Feb)	233 (05 April)	<1	***ND	20	20	***ND	10	540
Gordon's Bay wastewater treatment works	1414	>2419 (22 Feb)	1986 (05 April)	20	***ND	560	590	***ND	130	130
Gordon's Bay Harbour Island	>2419	>2419 (22 Feb)	1733 (05 April)	20	***ND	350	350	***ND	1220	100
Gordon's Bay harbour	1553	361 (22 Feb)	24 (05 April)	<1	***ND	10	10	***ND	200	120
Near Sir Lowry's Pass river	>2419	>2419 (22 Feb)	1120 (05 April)	20	***ND	20	20	***ND	<1	220

*NYM – not yet monitored. ** TFD - too few data. ***ND – no data.*

TABLE 1: RISK CRITERIA FOR RECREATIONAL USE OF COASTAL WATERS IN SOUTH AFRICA

Grade	Estimated risk of illness per exposure*	Enterococci (cfu**/100 mℓ)	Escherichia coli (cfu/100 mℓ)
Excellent	<2,9% gastrointestinal (GI) illness risk	< 100 (95 percentile)	< 250 (95 percentile)
Good	<5% GI illness risk	< 200 (95 percentile)	< 500 (95 percentile)
Sufficient	<8,5% GI illness risk	< 185 (90 percentile)	< 500 (90 percentile)
Poor	> 8,5% GI illness risk	> 185 (90 percentile)	> 500 (90 percentile)

* Exposures are defined as 10 minutes of swimming with three head immersions.

** Colony-forming units

The City of Cape Town follows the South African Water Quality Guidelines for Coastal Marine Waters Volume 2: Guidelines for Recreational Use^[1], available at:

https://resource.capetown.gov.za/documentcentre/Documents/Procedures,%20guidelines%20and%20regulations/South_African_Recreational_Water_Quality_Guidelines.pdf.pdf

[1] Republic of South Africa, Department of Environmental Affairs (2012). South African Water Quality Guidelines for Coastal Marine Waters. Volume 2: Guidelines for recreational use.