



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)

BLUE FLAG BEACHES	Blue Flag results: Enterococci count per 100ml																			
	28 Nov 23	07 Dec 23	13 Dec 23	19 Dec 23	03 Jan 24	09 Jan 24	16 Jan 24	23 Jan 24	30 Jan 24	Season and sampling concluded as of 31 Jan 2024	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
1. Silwerstroom	0	0	0	0	0	0	0	0	0	✓										
2. Melkbosstrand	0	0	0	0	8	0	2	0	8	✓										
3. Clifton 4th	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)	**	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	✓										

*ND – no data. **NYM – not yet monitored. *** These beaches have an extended season until the end of March.

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, introduced in October 2023. Analysis and results by SABS Laboratory. Sample sites are subject to change as new sites are identified for the research programme.

WEEKLY INTERNAL ENTEROCOCCI RESULTS AT KEY RECREATIONAL AREAS

Location	02 Apr 24	09 Apr 24	17 Apr 24	23 Apr 24	30 Apr 24	07 May 24	14 May 24	21 May 24	28 May 24	04 Jun 24	11 Jun 24	18 Jun 24	25 Jun 24	02 Jul 24	09 Jul 24	16 Jul 24	23 Jul 24	30 Jul 24	6 Aug 24
1. Big Bay	0	1	4	>150	1	7	0	5	15	>150	21	17	0	5	40	0	0	0	40
2. Milnerton Lighthouse	5	59	0	0	3	3	0	47	21	>1500	101	20	240	5	134	295	0	89	54
3. Lagoon Beach	77	33	0	0	89	4	410	235	40	>1500	57	1005	>1500	37	>1500	>1500	>150	390	310
4. Three Anchor Bay NW Rocks	10	8	2	0	12	0	12	29	0	>150	6	>150	36	16	120	71	>150	37	9
5. Saunders Rocks beach	****	****	****	****	****	26	56	141	34	>150	>150	75	>150	49	>150	*	>150	43	>150
6. Clifton 2nd Beach	0	2	0	23	0	0	0	18	0	66	0	0	32	3	138	45	0	14	0
7. Clifton 4th Beach	0	28	0	26	0	0	0	7	0	107	0	2	46	0	>150	>150	0	12	0
8. Glen Beach	1	11	0	3	1	0	2	8	4	>150	5	30	23	27	121	30	0	23	9
9. Camps Bay Tidal Pool	6	28	20	71	10	0	9	4	4	>1500	33	29	21	42	74	24	13	0	0
10. Camps Bay Central	0	11	10	0	1	0	5	9	0	670	0	78	41	*	450	40	0	18	21
11. Llandudno	1	0	0	38	0	0	0	2	0	93	0	38	12	37	27	41	0	0	0
12. Hout Bay	5	325	5	37	2	99	0	130	20	>1500	>1500	380	680	600	>1500	>1500	>150	>1500	>1500
13. Kommetjie Long Beach	1	12	0	0	2	28	17	9	0	**	**	**	**	**	**	**	**	**	**
14. Seaforth	19	350	0	76	*	138	0	6	14	355	13	47	35	118	>1500	37	2	8	0
15. Simons Town Long Beach	0	385	0	7	*	260	0	57	6	88	0	65	44	>1500	1365	14	0	3	1170
16. Fish Hoek	0	139	21	4	*	34	16	9	67	17	4	50	0	>1500	>1500	1040	10	13	15
17. Dalebrook Tidal Pool	0	25	0	5	*	0	0	3	9	34	0	87	8	38	87	115	0	37	0
18. St James Tidal Pool	5	8	0	3	*	0	0	1	1	24	0	6	0	81	55	76	0	0	0

19. Muizenberg Surfing Area	7	>150	39	78	*	73	14	>150	103	>150	14	37	6	>150	>150	>150	12	19	19
20. Strandfontein Point East of Tidal Pool	11	145	6	28	*	12	5	22	>150	>150	8	66	9	>150	>150	>150	0	0	19
21. Strandfontein Tidal Pool	0	18	2	16	*	5	98	15	18	118	9	130	46	86	109	23	0	0	0
22. Monwabisi Tidal Pool	33	29	6	21	*	0	12	2	27	>150	3	38	88	3	>150	0	0	0	0
23. Monwabisi Beach	26	275	68	43	*	45	0	4	2	>1500	26	59	485	35	117	65	655	62	11
24. Strand Pipe	47	>1500	33	53	*	0	0	127	300	415	24	390	345	88	1100	73	42	505	73
25. Strand Beach	4	>150	3	18	*	24	2	>150	>150	>150	17	143	45	106	>150	>150	>150	55	86

*ND – no data **Research at this site temporarily suspended. ***Awaiting data. ***Not yet monitored

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

Location	02 Apr 24	09 Apr 24	17 Apr 24	23 Apr 24	30 Apr 24	07 May 24	14 May 24	21 May 24	28 May 24	04 Jun 24	11 Jun 24	18 Jun 24	25 Jun 24	02 Jul 24	09 Jul 24	16 Jul 24	23 Jul 24	30 Jul 24	6 Aug 24
26. Gordons Bay Sir Lowrys River	310	430	68	97	*	117	29	260	870	>1500	41	>1500	108	820	>1500	1220	755	110	90
27. Diep River Estuary Mouth	48	>150	135	>150	>150	28	>150	142	43	>150	>150	>150	>150	>150	>150	>150	>150	>150	>150
28. Glencairn Elsa River Mouth	0	113	57	13	*	>150	>150	24	123	**	**	**	**	**	**	**	**	**	**
29. Clovelly Silvermine	>150	>150	>150	>150	*	>150	>150	>150	>150	**	**	**	**	**	**	**	**	**	**
30. Zandvlei Mouth	26	>150	18	97	*	75	21	24	47	**	**	**	**	**	**	**	**	**	**

*ND – no data. **Research at this site temporarily ceased.

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	17 Apr 24	02 May 24	08 May 24	16 May 24	05 Jun 24	13 Jun 24	26 Jun 24	03 Jul 24
ATLANTIC COAST																
1.Silwerstroomstrand resort	<1	380	*	*	<1	*	<1	*	*	*	0	*	4	*	*	*
2. Silwerstroom	20	340	*	*	<1	*	<1	*	*	*	0	*	10	*	*	*
3. Melkbosstrand	<1	140	*	*	<1	*	20	*	*	*	2	*	4	*	*	*
4. Big Bay	<1	50	*	*	10	*	<1	*	*	*	0	*	9	*	*	*
5. Small Bay	20	10	*	*	<1	*	<1	*	*	*	4	*	14	*	*	*
6. Table View	<1	70	*	*	<1	*	<1	*	*	*	1	*	5	*	*	*
7. Milnerton lighthouse	250	380	*	6 (22 Dec)	10	*	30	*	*	*	0	*	111	*	*	*
8. Lagoon Beach	2	450	170	30 (03 Jan)	*	*	20	*	*	*	0	*	147	*	*	>150
9. Three Anchor Bay	2	440	4110	40 (03 Jan)	*	*	930	*	*	*	21	*	>150	*	*	>150
10. Three Anchor Bay West	*	16	*	*	*	*	*	*	*	*	*	*	7	*	*	*
11. Rocklands Beach	<1	<1	*	<1 (03 Jan)	*	*	<1	*	*	*	5	*	76	*	*	>150
12. Milton Beach tidal pool	<1	<1	<1	<1 (03 Jan)	*	*	<1	*	*	*	0	*	*	*	*	>150
13. Saunders Rocks tidal pool	<1	<1	20	<1 (03 Jan)	*	*	<1	*	*	*	2	*	2	*	*	112
14. Clifton 1 – 4	<1	10	<1	60 (03 Jan)	*	*	<1	*	*	*	0	*	*	*	*	39

15. Maidens Cove tidal pool 1	10	270	130	10 (03 Jan)	*	*	<1	*	*	*	0	*	6	*	*	70
16. Maidens Cove tidal pool 2	<1	<1	<1	<1 (03 Jan)	*	*	<1	*	*	*	0	*	3	*	*	36
17. Glen Beach	<1	<1	10	<1 (03 Jan)	*	*	*	*	*	*	1	*	7	*	*	33
18. Camps Bay North	<1	<1	10	<1 (03 Jan)	*	*	*	*	*	*	1	*	*	*	*	28
19. Camps Bay	<1	<1	10	1 (03 Jan)	*	*	<1	*	*	*	1	*	16	*	*	25
20. Camps Bay tidal pool A	80	10	<1	150 (03 Jan)	*	*	<1	*	*	*	1	*	60	*	*	64
21. Camps Bay tidal pool B	100	<1	20	<1 (03 Jan)	*	*	10	*	*	*	3	*	73	*	*	45
22. Beta Beach	<1	<1	<1	<1 (03 Jan)	*	*	20	*	*	*	6	*	141	*	*	29
23. Bakoven bungalows	<1	<1	<1	<1 (03 Jan)	*	*	<1	*	*	*	0	*	146	*	*	26
24. Cosy Bay (Oude Kraal)	*	10	<1	<1 (13 Dec)	<1	*	*	*	*	*	*	0	*	*	*	*
25. Llandudno beach	<1	28	<1	<1 (13 Dec)	<1	*	*	*	*	*	*	0	*	*	15	15
26. Hout Bay beach	*	<1	<1	<1 (13 Dec)	<10	10	*	*	*	*	*	0	*	*	127	127
27. Long Beach, Kommetjie	30	<1	*	<1 (14 Dec)	<1	<1	*	10	17	1	*	0	*	0	*	*
28. Scarborough beach	<1	50	*	<1 (14 Dec)	<1	<1	*	4410	0	0	*	*	*	0	*	*

*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 Dec '23	10 Jan 24	07 Feb 24	07 Mar 24	04 Apr 24	17 Apr 24	02 May 24	15 May 24	12 Jun 24	26 Jun 24
FALSE BAY COAST												
1. Frank's Bay	<1	<1	<1 (14 Dec)	10	<1	<1	*	0	0	0	0	*
2. Miller's Point	10	30	1 (14 Dec)	*	<1	<1	*	0	1	*	0	*
3. Seaforth Beach	200	<1	1 (14 Dec)	<1	<1	20	*	*	>150	0	0	*
4. Boulders Beach	<1	10	1 (14 Dec)	<1	<1	10	*	0	5	*	0	*
5. Simon's Town Long Beach	10	10	<1 (14 Dec)	1670	10	<1	*	41	4	0	13	*
6. Glencairn beach	10	10	1 (14 Dec)	30	<1	<1	*	4	29	0	0	*
7. Fish Hoek Swimming Area	10	<1	<1 (13 Dec)	<1	*	30	100	<1	5	16	*	2
8. Fish Hoek beach	<1	40	<1 (14 Dec)	10	<1	<1	*	0	143	*	23	*
9. Clovelly	<1	20	2 (14 Dec)	<1	*	<1	*	0	5	*	0	*
10. Kalk Bay harbour beach	30	<1	<1 (13 Dec)	30	30	10	<1	*	108	*	13	*
11. Kalk Bay tidal pool	300	<1	<1 (13 Dec)	<1	30	<1	<1	1	0	*	90	*
12. Dalebrook tidal pool	<1	20	<1 (13 Dec)	<1	<1	<1	<1	*	2	0	0	*
13. St James tidal pool	<1	20	10 (13 Dec)	<1	<1	<1	<1	*	7	0	0	*
14. Muizenberg central	<1	50	<1(13 Dec)	<1	*	20	10	*	73	14	*	1
15. Muizenberg pavilion	40	10	<1 (13 Dec)	10	280	40	40	*	30	*	*	7
16. Sunrise Beach	190	70	<1 (13 Dec)	220	110	200	<1	2	34	*	>150	*
17. Strandfontein	<1	10	*	<1	<1	<1	<1	*	3	0	*	35
18. Strandfontein tidal pool	<1	140	<1 (13 Dec)	20	20	10	<1	*	48	98	*	22

19. Mnandi Beach West	<1	10	*	<1	<1	90	140	<1	3	*	*	93
20. Mnandi Beach East	<1	10	*	170	<1	10	180	*	62	78	*	47
21. Monwabisi tidal pool	<1	10	30 (13 Dec)	170	<1	<1	<1	*	33	12	*	8
22. Monwabisi beach	<1	10	360 (13 Dec)	450	<1	120	340	*	33	0	*	17
23. Macassar beach	10	250	<1 (13 Dec)	<1	60	750	50	*	48	*	*	>150
24. Strand water slides	*	46	*	*	*	*	*	*	*	0	*	*
25. Strand beach pedestrian crossing	*	50	*	*	*	*	*	*	*	2	*	*
26. Strand beach	20	50	4 (13 Dec)	<1	620	850	10	*	40	*	*	52
27. Strand Murray street	*	10	*	*	*	*	*	*	*	*	*	*
28. Strand Pavilion jetty	240	10	4 (13 Dec)	170	<1	20	30	*	2	*	*	92
29. Strand Harmonie Park	470	170	1 (13 Dec)	20	<1	1180	40	*	41	*	*	>150
30. Gordon's Bay	50	60	*	<1	<1	260	<1	*	13	*	*	22
31. Gordons Bay Milkwood	*	57	*	*	*	*	*	*	*	*	*	*
32. Bikini Beach	<1	<1	<1 (13 Dec)	<1	20	<1	<1	*	0	*	*	5
33. Kogel Bay	*	99	*	<1	*	*	*	*	*	*	*	*

. *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	17 Apr 24	02 May 24	08 May 24	05 June 24	13 Jun 24	03 Jul 24
ATLANTIC COAST																	
Big Bay near stormwater discharge	145	*	291	10	<1	110	*	*	*	170	*	*	*	3	9	*	*
Granger Bay	>2419	472	>2419	<1	*	1560	630	<1	*	10	*	*	*	9	10	*	>150
Mouille Point	1986	>2419	>2419	<1	<1	2190	430	<1	*	10	*	*	*	1	13	*	>150
Green Point pump station	549	1120	45	10	<1	1040	740	10	*	40	*	*	*	0	35	*	>150
Park Road, Green Point	140	387	196	<1	<1	2310	130	<1	*	<1	*	*	*	3	11	*	>150
Rocklands	172	461	816	<1	<1	*	*	*	*	40	*	*	*	1	96	*	>150
Milton beach tidal pool (outside)	344	2419	1553	<1	<1	*	60	<1	*	330	*	*	*	6	92	*	>150
Sunset beach tidal pool (outside)	435	691	816	990	4	8660	<1	<1	*	20	*	*	*	*	34	*	>150
Saunders' Rocks	54	980	>2419	40	7	*	17330	50	*	>2419 0	*	*	*	6	>150	*	>150
Saunders' Rocks tidal pool (outside)	510	547	>2419	<1	<1	*	14140	*	*	<1	*	*	*	0	>150	*	>150
Maiden's Cove	162	261	921	<1	<1	*	<1	<1	*	<1	*	*	*	>150	0	*	34
Maiden's Cove tidal pool 1 (outside)	>2419	365	727	<1	<1	*	<1	<1	*	<1	*	*	*	8	>150	*	27
Maiden's Cove tidal pool 2 (outside)	120	1120	1986	10	<1	*	<1	<1	*	<1	*	*	*	2	37	*	37
Camps Bay tidal pool (outside)	31	2419	238	<1	<1	*	<1	20	*	<1	*	*	*	0	28	*	146

Horne Bay beach	>2419	153	770	<1	<1	*	<1	<1	*	<1	*	*	*	21	147	*	45
Noordhoek South	33 (10 Jan)	*	13 (04 April)	*	*	<1	*	*	*	*	*	*	*	*	*	*	*
The Kom	>2419 (12 Jan)	*	*	<1 (19 Oct)	<1 (16 Nov)	<1	*	*	20	*	60	0	17	*	*	0	*

. *ND – no data.

FALSE BAY COAST (Coastal Monitoring Points)

COASTAL MONITORING POINTS	CoCT Scientific Services results: Enterococci count per 100ml															
	11 Jan 23	22 Feb 23	05 Apr 23	18 Oct 23	01 Nov 23	15 Nov 23	22 Nov 23	29 Nov 23	07 Feb 24	07 Mar 24	04 Apr 24	17 Apr 24	02 May 24	16 May 24	12 Jun 24	26 Jun 24
Simon's Town Harbour	*	1986	*	<1	*	*	365	<1	<1	10	20	*	*	13	*	137
Simon's Town Diving School	*	1986 (2 Feb)	*	<1	*	*	7260	20	10	<1	<1	*	*	17	*	1
Kalk Bay rocks	37	26	132	*	<1	<1	<1	*	<1	<1	40	*	0	0	0	*
Ex Sandown Hotel site	62	461 (15 Feb)	56 (1 Mar)	*	80	30	1733	*	10	<1	10	*	87	*	>150	*
Lifebox 21	27	>2419	>2419	*	<1	1250	1250	*	350	140	180	10	88	70	>150	*
Lifebox 23	140	>2149	>2419	*	100	1160	1160	*	1920	240	190	*	111	*	>150	*
Sonwabe	1986	>2419	1733	*	50	30	30	*	1290	50	130	*	137	110	>150	*
Ribbon parking area	>2419	>2419	>2419	*	110	130	130	*	540	120	220	*	0	0	*	>150
Muizenberg station	*	*	*	*	*	*	*	*	60	20	30	*	48	*	126	*
Lifebox 30	187	>2419	>2419	*	50	50	50	*	50	290	230	1	43	*	*	*
Lukannon Drive wastewater pump station	356	343	1986	60	<1 (10 Nov)	<1	<1	*	<1	440	640	*	78	*	*	39
Mitchells Plain wastewater effluent discharge	284	727	>2419	100	*	60	60	*	20	3650	1070	*	>150	>150	*	46
Mitchells Plain stormwater west discharge, East	>2419	1120	>2419	<1	*	20	20	*	15530	40	1080	*	>150	>150	*	117
Mitchells Plain stormwater west discharge, West	575	1300	>2419	10	*	40	40	*	330	140	7270	*	>150	124	*	>150
Strand MPA	184	1120 (15 Feb)	117 (28 Feb)	*	*	*	1986	*	*	*	*	*	*	*	*	*
Strand opp Woltemade St	479	921	240	1240	*	10	10	*	<1	740	<1	*	5	*	*	137
Strand near Lourens River mouth	44	1203	233	<1	*	20	20	*	10	540	<1	*	>150	*	*	>150
Gordon's Bay wastewater treatment works	1414	>2419	1986	20	*	560	590	*	130	130	<1	*	>150	*	*	93
Gordon's Bay Harbour Island	>2419	>2419	1733	20	*	350	350	*	1220	100	<1	*	>150	*	*	75
Gordon's Bay harbour	1553	361	24	<1	*	10	10	*	200	120	<1	*	15	*	*	91
Near Sir Lowry's Pass river	>2419	>2419	1120	20	*	20	20	*	<1	220	10	*	94	*	*	*

*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.