



WATER QUALITY RATINGS AT RECREATIONAL NODES AND COASTAL MONITORING POINTS ALONG THE ATLANTIC AND FALSE BAY COASTS IN CAPE TOWN, SOUTH AFRICA

ATLANTIC COAST (Recreational Nodes)

Last updated: 11/06/2021

RECREATIONAL NODES ATLANTIC COAST	COASTAL WATER QUALITY RATING						
	2016	2017	2018	2019	2020	Previous 365 day rolling period outcome	365 day rolling period from most recent measurement (Jun 2021)
1. Silwerstroomstrand resort	Excellent	Excellent	Excellent	Excellent	Sufficient	Poor	Poor
2. Silwerstroom	Sufficient	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
3. Melkbosstrand	Excellent	Excellent	Excellent	Excellent	Good	Good	Good
4. Big Bay	Good	Good	Excellent	Excellent	Excellent	Good	Good
5. Small Bay	Good	Sufficient	Good	Sufficient	Excellent	Good	Good
6. Table View	Good	Sufficient	Sufficient	Good	Sufficient	Good	Good
7. Milnerton lighthouse	Excellent	Excellent	Excellent	Excellent	Sufficient	Poor	Poor
8. Lagoon Beach	Poor	Poor	Poor	Poor	Poor	Poor	Poor
9. Three Anchor Bay	Sufficient	Poor	Poor	Poor	Poor	Poor	Poor
10. Rocklands Beach	Sufficient	Excellent	Sufficient	Sufficient	Sufficient	Poor	Poor
11. Milton Beach tidal pool	Excellent	Excellent	Excellent	Excellent	Sufficient	Good	Good
12. Saunders Rocks tidal pool	Sufficient	Sufficient	Good	Sufficient	Sufficient	Good	Good
13. Clifton 1 – 4	Sufficient	Sufficient	Excellent	Excellent	Excellent	Excellent	Excellent
14. Maidens Cove tidal pool 1	Sufficient	Good	Sufficient	Sufficient	Excellent	Excellent	Excellent
15. Maidens Cove tidal pool 2	Poor	Excellent	Sufficient	Sufficient	Excellent	Excellent	Excellent
16. Camps Bay	Sufficient	Sufficient	Sufficient	Sufficient	Excellent	Excellent	Excellent
17. Camps Bay tidal pool A	Poor	Excellent	Sufficient	Good	Poor	Poor	Poor
18. Camps Bay tidal pool B	Sufficient	Poor	Sufficient	Sufficient	Sufficient	Good	Good
19. Beta Beach	Sufficient	Good	Poor	Poor	Good	Good	Poor
20. Bakoven bungalows	Poor	Excellent	Sufficient	Sufficient	Poor	Poor	Poor
21. Cosy Bay (Oude Kraal)	Sufficient	Excellent	Good	Excellent	*TFD	*TFD	*TFD
22. Llandudno beach	Excellent	Excellent	Sufficient	Sufficient	Good	Excellent	Excellent
23. Hout Bay beach	Sufficient	Sufficient	Sufficient	Sufficient	Poor	Poor	Poor
24. Long Beach, Kommetjie	Good	Good	Excellent	Excellent	Sufficient	Sufficient	Sufficient
25. Scarborough beach	Good	Sufficient	Excellent	Sufficient	Excellent	Excellent	Excellent

* TFD - too few data.

ATLANTIC COAST (Coastal Monitoring Points)

COASTAL MONITORING POINTS ATLANTIC COAST	COASTAL WATER QUALITY RATING						
	2016	2017	2018	2019	2020	Previous 365 day rolling period outcome	365 day rolling period from most recent measurement (Jun 2021)
Big Bay near stormwater discharge	Excellent	Sufficient	Excellent	Excellent	Sufficient	Good	Good
Granger Bay	Excellent	Sufficient	Excellent	Excellent	Sufficient	Poor	Poor
Mouille Point	Excellent	Good	Good	Sufficient	Sufficient	Poor	Poor
Green Point pump station	*TFD	Good	Sufficient	Good	Poor	Poor	Poor
Park Road, Green Point	Poor	Poor	Poor	Poor	Good	Sufficient	Sufficient
Rocklands	Poor	Poor	Sufficient	Sufficient	Sufficient	Good	Good
Milton beach tidal pool (outside)	Good	Good	Sufficient	Sufficient	Good	Good	Good
Sunset beach tidal pool (outside)	Sufficient	Poor	Sufficient	Poor	Poor	Poor	Poor
Saunders' Rocks	Poor	Poor	Poor	Poor	Sufficient	Sufficient	Sufficient
Saunders' Rocks tidal pool (outside)	Good	Poor	Excellent	Poor	Poor	Poor	Poor
Maiden's Cove	Poor	Sufficient	Excellent	Poor	Excellent	Excellent	Excellent
Maiden's Cove tidal pool 1 (outside)	Good	Excellent	Sufficient	Excellent	Poor	Poor	Poor
Maiden's Cove tidal pool 2 (outside)	Excellent	Excellent	Sufficient	Sufficient	Excellent	Excellent	Excellent
Camps Bay tidal pool (outside)	Sufficient	Sufficient	Good	Sufficient	Excellent	Excellent	Excellent
Horne Bay beach	Poor	Sufficient	Excellent	Good	Poor	Good	Good
The Kom	Poor	Poor	Poor	Poor	Sufficient	Sufficient	Sufficient

* TFD - too few data.

FALSE BAY COAST (Recreational Nodes)

Last updated: 11/06/2021

RECREATIONAL NODES FALSE BAY COAST	COASTAL WATER QUALITY RATING						
	2016	2017	2018	2019	2020	Previous 365 day rolling period outcome	365 day rolling period from most recent measurement (Jun 2021)
1. Frank's Bay	Good	Excellent	Excellent	Good	Excellent	Excellent	Excellent
2. Seaforth Beach	Sufficient	Excellent	Excellent	Sufficient	Sufficient	Good	Good
3. Boulders Beach	Sufficient	Sufficient	Sufficient	Sufficient	Poor	Poor	Poor
4. Simon's Town Long Beach	Poor	Sufficient	Poor	Poor	Sufficient	Excellent	Excellent
5. Glencairn beach	Good	Sufficient	Excellent	Excellent	Excellent	Excellent	Excellent
6. Fish Hoek beach	Poor	Poor	Excellent	Poor	Poor	Poor	Poor
7. Clovelly	Sufficient	Poor	Poor	Excellent	Poor	Good	Sufficient
8. Kalk Bay harbour beach	Poor	Poor	Poor	Sufficient	Sufficient	Poor	Poor
9. Kalk Bay tidal pool	Poor	Sufficient	Excellent	Excellent	Good	Sufficient	Sufficient
10. Dalebrook tidal pool	Good	Excellent	Excellent	Sufficient	Sufficient	Sufficient	Sufficient
11. St James tidal pool	Excellent	Excellent	Excellent	Good	Excellent	Excellent	Excellent
12. Muizenberg station	Poor	Sufficient	Sufficient	Poor	Sufficient	Poor	Poor
13. Muizenberg pavilion	Sufficient	Sufficient	Sufficient	Poor	Poor	Poor	Poor
14. Sunrise Beach	Poor	Poor	Sufficient	Poor	Poor	Poor	Poor
15. Strandfontein	Sufficient	Excellent	Excellent	Sufficient	Sufficient	Sufficient	Sufficient
16. Strandfontein tidal pool	Sufficient	Good	Excellent	Poor	Excellent	Good	Good
17. Mnandi Beach west	Excellent	Sufficient	Excellent	Sufficient	Poor	Poor	Poor
18. Mnandi Beach east	Sufficient	Sufficient	Excellent	Sufficient	Poor	Poor	Poor
19. Monwabisi tidal pool	Good	Poor	Excellent	Excellent	Excellent	Good	Good
20. Monwabisi beach	Poor	Poor	Poor	Poor	Poor	Poor	Poor
21. Macassar beach	Sufficient	Poor	Poor	Poor	Poor	Good	Good
22. Strand beach	Excellent	Poor	Poor	Poor	Poor	Sufficient	Sufficient
23. Strand Pavilion jetty	Good	Poor	Poor	Poor	Poor	Poor	Poor
24. Strand Harmonie Park	Excellent	Poor	Poor	Poor	Poor	Sufficient	Sufficient
25. Gordon's Bay	Excellent	Poor	Sufficient	Poor	Sufficient	Poor	Poor
26. Bikini Beach	Excellent	Poor	Excellent	Excellent	Sufficient	Excellent	Excellent
27. Kogel Bay	Good	Poor	Excellent	Excellent	Excellent	Excellent	Excellent

* TFD - too few data.

FALSE BAY COAST (Coastal Monitoring Points)

COASTAL MONITORING POINTS FALSE BAY COAST	COASTAL WATER QUALITY RATING						
	2016	2017	2018	2019	2020	Previous 365 day rolling period outcome	365 day rolling period from most recent measurement (Jun 2021)
Miller's Point	Excellent	Excellent	Excellent	Sufficient	Excellent	Sufficient	Sufficient
Simon's Town Harbour	Excellent	Sufficient	Sufficient	Excellent	Excellent	Excellent	Excellent
Simon's Town Diving School	Excellent	Good	Good	Excellent	Excellent	Excellent	Excellent
Kalk Bay rocks	Excellent	Sufficient	Excellent	Sufficient	Excellent	Good	Good
Ex Sandown Hotel site	Excellent	Excellent	Good	Good	Poor	Poor	Poor
Lifebox 21	Poor	Poor	Poor	Poor	Poor	Poor	Poor
Lifebox 23	Poor	Poor	Poor	Poor	Poor	Poor	Poor
Sonwabe	Poor	Poor	Poor	Poor	Poor	Poor	Poor
Ribbon parking area	Poor	Poor	Poor	Sufficient	Poor	Poor	Poor
Lifebox 30	Poor	Poor	Poor	Poor	Poor	Sufficient	Sufficient
Lukannon Drive wastewater pump station	Sufficient	Sufficient	Good	Sufficient	Poor	Poor	Poor
Mitchells Plain wastewater effluent discharge	Poor	Poor	Good	Poor	Sufficient	Sufficient	Sufficient
Mitchells Plain stormwater west discharge, East	Poor	Poor	Poor	Poor	Poor	Poor	Poor
Mitchells Plain stormwater west discharge, West	Poor	Poor	Poor	Poor	Poor	Poor	Poor
Mitchells Plain stormwater east discharge, East	Poor	Poor	Poor	*TFD	*TFD	*TFD	*TFD
Mitchells Plain stormwater east discharge, West	Poor	Poor	Poor	*TFD	*TFD	*TFD	*TFD
Strand opp Woltemade St	Excellent	Poor	Poor	Poor	Poor	Sufficient	Sufficient
Strand near Lourens River mouth	Excellent	Poor	Poor	Poor	Poor	Poor	Poor
Gordon's Bay wastewater treatment works	Poor	Poor	Poor	Poor	Poor	Poor	Poor
Gordon's Bay harbour island	Poor	Poor	Good	Good	Poor	Poor	Poor
Gordon's Bay harbour	Sufficient	Poor	Sufficient	Sufficient	Poor	Sufficient	Poor
Near Sir Lowry's Pass river	Poor	Poor	Poor	Poor	Poor	Poor	Poor

* TFD - too few 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://www.environment.gov.za/sites/default/files/legislations/water_qualityguidelines_0.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.