

## FINAL CERTIFICATE OF ANALYSIS

COA N°:	701959-0
COA Date:	24/08/2022
Page	1 / 8
<b>Customer:</b>	The Saldanha Bay Water Quality Forum Trust
<b>Order N°:</b>	
<b>Client Reference N°:</b>	Seawater; 17/08/22
<b>Project N°:</b>	CT 22-032146
<b>Analysed By</b>	Swift Silliker (Pty) Ltd t/a Mérieux NutriSciences 7 Warrington Road, Claremont, Western Province, South Africa  Phone: +27216838436 Fax: +27216834695 E-mail: za.customercare@mxns.com
<b>Received from</b>	The Saldanha Bay Water Quality Forum Trust  P.O. Box 446, Langebaan, 7357, Western Cape  E-mail: metsal@imagnet.co.za



**To:** The Saldanha Bay Water Quality Forum Trust  
Frederick C van Wyk  
  
P.O. Box 446 Langebaan  
7357  
western Cape

**SAMPLE DESCRIPTION**

**Lab Sample Ref #:** CT 22-032146-001      **Sample N°:** 4417598      **Test Date:** 17/08/2022  
**Category Detail:** Water      **Sample Condition:** SEALED      **Date Received:** 17/08/2022  
**Product Description\*\*:** Breakwater Saldanha next to Mussel Rafts  
**COA Remark\*\*:** Tide: High. Time: 05:45 Wind Noord Wes

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> <b>Escherichia coli</b> METHOD: SWJM 45	17/08/2022	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> <b>Intestinal Enterococci (Faecal Streptococci)</b> METHOD: SWJM 57	17/08/2022	1	cfu/100ml	

**SAMPLE DESCRIPTION**

**Lab Sample Ref #:** CT 22-032146-002      **Sample N°:** 4417599      **Test Date:** 17/08/2022  
**Category Detail:** Water      **Sample Condition:** SEALED      **Date Received:** 17/08/2022  
**Product Description\*\*:** Small Craft Harbour  
**COA Remark\*\*:** Tide: High. Time: 05:51

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> <b>Escherichia coli</b> METHOD: SWJM 45	17/08/2022	4	cfu/100ml	
<input checked="" type="checkbox"/> <b>Intestinal Enterococci (Faecal Streptococci)</b> METHOD: SWJM 57	17/08/2022	5	cfu/100ml	

## FINAL CERTIFICATE OF ANALYSIS



COA N°: 701959-0  
 COA Date: 24/08/2022  
 Page: 2 / 8

Customer: The Saldanha Bay Water Quality Forum Trust  
 Order N°:  
 Client Reference N°: Seawater; 17/08/22  
 Project N°: CT 22-032146

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 22-032146-003      Sample N°: 4417600      Test Date: 17/08/2022  
 Category Detail: Water      Sample Condition: SEALED      Date Received: 17/08/2022  
 Product Description\*\*: Government Jetty  
 COA Remark\*\*: Tide: High. Time: 05:57

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	17/08/2022	5	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	17/08/2022	7	cfu/100ml	

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 22-032146-004      Sample N°: 4417601      Test Date: 17/08/2022  
 Category Detail: Water      Sample Condition: SEALED      Date Received: 17/08/2022  
 Product Description\*\*: Saldanha Bay Yacht Club  
 COA Remark\*\*: Tide: High. Time: 06:05

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	17/08/2022	33	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	17/08/2022	12	cfu/100ml	

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 22-032146-005      Sample N°: 4417602      Test Date: 17/08/2022  
 Category Detail: Water      Sample Condition: SEALED      Date Received: 17/08/2022  
 Product Description\*\*: Pepper Bay Southern Seas Fishing Side  
 COA Remark\*\*: Tide: High. Time: 06:11

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	17/08/2022	1	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	17/08/2022	4	cfu/100ml	

## FINAL CERTIFICATE OF ANALYSIS



COA N°: 701959-0  
 COA Date: 24/08/2022  
 Page: 3 / 8

Customer: The Saldanha Bay Water Quality Forum Trust  
 Order N°:  
 Client Reference N°: Seawater; 17/08/22  
 Project N°: CT 22-032146

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 22-032146-006      Sample N°: 4417603      Test Date: 17/08/2022  
 Category Detail: Water      Sample Condition: SEALED      Date Received: 17/08/2022  
 Product Description\*\*: Pepper Bay next to Sewae Overflow Outlet  
 COA Remark\*\*: Tide: High. Time: 06:16

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	17/08/2022	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	17/08/2022	13	cfu/100ml	

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 22-032146-007      Sample N°: 4417604      Test Date: 17/08/2022  
 Category Detail: Water      Sample Condition: SEALED      Date Received: 17/08/2022  
 Product Description\*\*: Hoedjiesbaai  
 COA Remark\*\*: Tide: High. Time: 06:34

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	17/08/2022	2	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	17/08/2022	14	cfu/100ml	

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 22-032146-008      Sample N°: 4417605      Test Date: 17/08/2022  
 Category Detail: Water      Sample Condition: SEALED      Date Received: 17/08/2022  
 Product Description\*\*: Saldanha Holiday Resort  
 COA Remark\*\*: Tide: High. Time: 06:26

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	17/08/2022	2	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	17/08/2022	30	cfu/100ml	

## FINAL CERTIFICATE OF ANALYSIS



COA N°: 701959-0  
 COA Date: 24/08/2022  
 Page: 4 / 8

Customer: The Saldanha Bay Water Quality Forum Trust  
 Order N°:  
 Client Reference N°: Seawater; 17/08/22  
 Project N°: CT 22-032146

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 22-032146-009      Sample N°: 4417606      Test Date: 17/08/2022  
 Category Detail: Water      Sample Condition: SEALED      Date Received: 17/08/2022  
 Product Description\*\*: Bok River at Blue Water Bay  
 COA Remark\*\*: Tide: High. Time: 07:04

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	17/08/2022	40	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	17/08/2022	80	cfu/100ml	

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 22-032146-010      Sample N°: 4417607      Test Date: 17/08/2022  
 Category Detail: Water      Sample Condition: SEALED      Date Received: 17/08/2022  
 Product Description\*\*: Portnet; The Side Facing Saldanha  
 COA Remark\*\*: Tide: High. Time: 07:23

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	17/08/2022	2	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	17/08/2022	9	cfu/100ml	

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 22-032146-011      Sample N°: 4417608      Test Date: 17/08/2022  
 Category Detail: Water      Sample Condition: SEALED      Date Received: 17/08/2022  
 Product Description\*\*: Portnet the Side Facing Langebaan  
 COA Remark\*\*: Tide: High. Time: 07:38

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	17/08/2022	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	17/08/2022	5	cfu/100ml	

## FINAL CERTIFICATE OF ANALYSIS



COA N°: 701959-0  
 COA Date: 24/08/2022  
 Page: 5 / 8

Customer: The Saldanha Bay Water Quality Forum Trust  
 Order N°:  
 Client Reference N°: Seawater; 17/08/22  
 Project N°: CT 22-032146

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 22-032146-012      Sample N°: 4417609      Test Date: 17/08/2022  
 Category Detail: Water      Sample Condition: SEALED      Date Received: 17/08/2022  
 Product Description\*\*: Paraside Beach  
 COA Remark\*\*: Tide: High. Time: 08:11

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	17/08/2022	5	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	17/08/2022	80	cfu/100ml	

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 22-032146-013      Sample N°: 4417610      Test Date: 17/08/2022  
 Category Detail: Water      Sample Condition: SEALED      Date Received: 17/08/2022  
 Product Description\*\*: Club Mykonos  
 COA Remark\*\*: Tide: High. Time: 08:30

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	17/08/2022	3	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	17/08/2022	10	cfu/100ml	

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 22-032146-014      Sample N°: 4417611      Test Date: 17/08/2022  
 Category Detail: Water      Sample Condition: SEALED      Date Received: 17/08/2022  
 Product Description\*\*: Strandloper next to Outlet from Country Club  
 COA Remark\*\*: Tide: High. Time: 08:50

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	17/08/2022	1	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	17/08/2022	13	cfu/100ml	

## FINAL CERTIFICATE OF ANALYSIS



COA N°: 701959-0  
 COA Date: 24/08/2022  
 Page: 6 / 8

Customer: The Saldanha Bay Water Quality Forum Trust  
 Order N°:  
 Client Reference N°: Seawater; 17/08/22  
 Project N°: CT 22-032146

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 22-032146-015      Sample N°: 4417612      Test Date: 17/08/2022  
 Category Detail: Water      Sample Condition: SEALED      Date Received: 17/08/2022  
 Product Description\*\*: Langebaan Beach Houses North Street  
 COA Remark\*\*: Tide: High. Time: 09:01

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	17/08/2022	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	17/08/2022	2	cfu/100ml	

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 22-032146-016      Sample N°: 4417613      Test Date: 17/08/2022  
 Category Detail: Water      Sample Condition: SEALED      Date Received: 17/08/2022  
 Product Description\*\*: Pearlys  
 COA Remark\*\*: Tide: High. Time: 09:40

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	17/08/2022	5	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	17/08/2022	7	cfu/100ml	

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 22-032146-017      Sample N°: 4417614      Test Date: 17/08/2022  
 Category Detail: Water      Sample Condition: SEALED      Date Received: 17/08/2022  
 Product Description\*\*: Yacht Club  
 COA Remark\*\*: Tide: High. Time: 09:47

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	17/08/2022	29	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	17/08/2022	50	cfu/100ml	

## FINAL CERTIFICATE OF ANALYSIS

COA N°:	701959-0
COA Date:	24/08/2022
Page	7 / 8
<b>Customer:</b> The Saldanha Bay Water Quality Forum Trust	
<b>Order N°:</b>	
<b>Client Reference N°:</b>	Seawater; 17/08/22
<b>Project N°:</b>	CT 22-032146

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 22-032146-018      Sample N°: 4417615      Test Date: 17/08/2022  
 Category Detail: Water      Sample Condition: SEALED      Date Received: 17/08/2022  
 Product Description\*\*: Klein Oostewal Beach  
 COA Remark\*\*: Tide: High. Time: 09:24

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	17/08/2022	5	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	17/08/2022	11	cfu/100ml	

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 22-032146-019      Sample N°: 4417616      Test Date: 17/08/2022  
 Category Detail: Water      Sample Condition: SEALED      Date Received: 17/08/2022  
 Product Description\*\*: Kraalbaai North  
 COA Remark\*\*: Tide: High. Time: 08:05

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	17/08/2022	2	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	17/08/2022	25	cfu/100ml	

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 22-032146-020      Sample N°: 4417617      Test Date: 17/08/2022  
 Category Detail: Water      Sample Condition: SEALED      Date Received: 17/08/2022  
 Product Description\*\*: Kraalbaai South  
 COA Remark\*\*: Tide: High. Time: 07:58

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	17/08/2022	23	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	17/08/2022	160	cfu/100ml	

Accredited analysis      \* Non Accredited analysis      NC Non Conformance      \*\* Customer provided data      Changed Data

TMA = Total Microbial Activity / Total Viable Plate Count.

No growth = Not detected / less than the lower detection limit of the test method, for the specified sample type / volume of sample tested.

Tests marked with a tick in this report are included in the SANAS Schedule of Accreditation for this laboratory T0050.

Tests marked with a \* in this report are not included in the SANAS Schedule of Accreditation for this laboratory T0050.

\*\* Data provided by the customer.

Tests marked with a plane in this report are Subcontracted Tests and are not included in the SANAS Schedule of Accreditation for this laboratory T0050.

The test report relates only to the specific item submitted for testing. It furnishes or implies no guarantee whatsoever, in respect of a similar item that has not been tested.

The test report applies to the sample as received where the laboratory has not been responsible for the sampling stage.

Opinions and interpretations expressed in this report are not included in the SANAS Schedule of Accreditation for this laboratory T0050.

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FINAL CERTIFICATE OF ANALYSIS

COA N°:	701959-0
COA Date:	24/08/2022
Page	8 / 8
<b>Customer:</b> The Saldanha Bay Water Quality Forum Trust	
<b>Order N°:</b>	
<b>Client Reference N°:</b>	Seawater; 17/08/22
<b>Project N°:</b>	CT 22-032146



Results validated on 24/08/2022

By: Lauren Hendricks  
Technical Signatory