

**FINAL CERTIFICATE OF ANALYSIS**



<b>COA N°:</b>	733759-0
<b>COA Date:</b>	20/12/2022
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<b>Customer:</b> The Saldanha Bay Water Quality Forum Trust	
<b>Order N°:</b>	
<b>Client Reference N°:</b>	Seawater SBWQFT
<b>Project N°:</b>	CT 22-050546
<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  20 Pelican Street, The Cove, 7357, Langebaan, South Africa  E-mail: metsal@imagnet.co.za	

**To:** The Saldanha Bay Water Quality Forum Trust  
Frederick C van Wyk  
20 Pelican Street The Cove  
7357  
Langebaan  
South Africa

**SAMPLE DESCRIPTION**

**Lab Sample Ref #:** CT 22-050546-001      **Sample N°:** 4616912      **Test Date:** 15/12/2022  
**Category Detail:** Water      **Sample Condition:** SEALED      **Date Received:** 14/12/2022  
**Product Description\*\*:** Breakwater Saldanha Next To Mussel Rafts  
**COA Remark\*\*:** Tide: High, Time: 5:38

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> <b>Escherichia coli</b> METHOD: SWJM 45	15/12/2022	4	cfu/100ml	
<input checked="" type="checkbox"/> <b>Intestinal Enterococci (Faecal Streptococci)</b> METHOD: SWJM 57	15/12/2022	1	cfu/100ml	

**SAMPLE DESCRIPTION**

**Lab Sample Ref #:** CT 22-050546-002      **Sample N°:** 4616913      **Test Date:** 15/12/2022  
**Category Detail:** Water      **Sample Condition:** SEALED      **Date Received:** 14/12/2022  
**Product Description\*\*:** Small Creaft Harbour  
**COA Remark\*\*:** Tide: High, Time: 5:45

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> <b>Escherichia coli</b> METHOD: SWJM 45	15/12/2022	60	cfu/100ml	
<input checked="" type="checkbox"/> <b>Intestinal Enterococci (Faecal Streptococci)</b> METHOD: SWJM 57	15/12/2022	10	cfu/100ml	

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**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 22-050546-003

Sample N°: 4616914

Test Date: 15/12/2022

Category Detail: Water

Sample Condition: SEALED

Date Received: 14/12/2022

Product Description\*\*: Government Jetty

COA Remark\*\*: Tide: High, Time: 5:51

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	15/12/2022	100	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	15/12/2022	14	cfu/100ml	

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 22-050546-004

Sample N°: 4616915

Test Date: 15/12/2022

Category Detail: Water

Sample Condition: SEALED

Date Received: 14/12/2022

Product Description\*\*: Saldanha Bay Yacht Club

COA Remark\*\*: Tide: High, Time: 5:59

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	15/12/2022	120	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	15/12/2022	No Growth	cfu/100ml	

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 22-050546-005

Sample N°: 4616916

Test Date: 15/12/2022

Category Detail: Water

Sample Condition: SEALED

Date Received: 14/12/2022

Product Description\*\*: Pepper Bay - Southern Seas Fishing Slide

COA Remark\*\*: Tide: High, Time: 6:05

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	15/12/2022	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	15/12/2022	No Growth	cfu/100ml	

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**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 22-050546-006

Sample N°: 4616917

Test Date: 15/12/2022

Category Detail: Water

Sample Condition: SEALED

Date Received: 14/12/2022

Product Description\*\*: Pepper Bay Next To Sewage Overflow - Outlet

COA Remark\*\*: Tide: High, Time: 6:09

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	15/12/2022	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	15/12/2022	No Growth	cfu/100ml	

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 22-050546-007

Sample N°: 4616918

Test Date: 15/12/2022

Category Detail: Water

Sample Condition: SEALED

Date Received: 14/12/2022

Product Description\*\*: Hoedjiesbaai

COA Remark\*\*: Tide: High, Time: 6:27

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	15/12/2022	>1500	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	15/12/2022	>1500	cfu/100ml	

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 22-050546-008

Sample N°: 4616919

Test Date: 15/12/2022

Category Detail: Water

Sample Condition: SEALED

Date Received: 14/12/2022

Product Description\*\*: Saldanha Holiday Resort

COA Remark\*\*: Tide: High, Time: 6:18

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	15/12/2022	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	15/12/2022	12	cfu/100ml	

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**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 22-050546-009

Sample N°: 4616920

Test Date: 15/12/2022

Category Detail: Water

Sample Condition: SEALED

Date Received: 14/12/2022

Product Description\*\*: Bok River At Blue Bay

COA Remark\*\*: Tide: High, Time: 7:08

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	15/12/2022	>1500	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	15/12/2022	25	cfu/100ml	

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 22-050546-010

Sample N°: 4616921

Test Date: 15/12/2022

Category Detail: Water

Sample Condition: SEALED

Date Received: 14/12/2022

Product Description\*\*: Portnet - The Side Facing Saldanha

COA Remark\*\*: Tide: High, Time: 7:18

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	15/12/2022	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	15/12/2022	1	cfu/100ml	

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 22-050546-011

Sample N°: 4616922

Test Date: 15/12/2022

Category Detail: Water

Sample Condition: SEALED

Date Received: 14/12/2022

Product Description\*\*: Portnet The Side Facing Langebaan

COA Remark\*\*: Tide: High, Time: 7:28

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	15/12/2022	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	15/12/2022	45	cfu/100ml	

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**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 22-050546-012

Sample N°: 4616923

Test Date: 15/12/2022

Category Detail: Water

Sample Condition: SEALED

Date Received: 14/12/2022

Product Description\*\*: Paradise Beach

COA Remark\*\*: Tide: High, Time: 8:00

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	15/12/2022	300	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	15/12/2022	10	cfu/100ml	

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 22-050546-013

Sample N°: 4616924

Test Date: 15/12/2022

Category Detail: Water

Sample Condition: SEALED

Date Received: 14/12/2022

Product Description\*\*: Club Mykonos

COA Remark\*\*: Tide: High, Time: 8:21

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	15/12/2022	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	15/12/2022	16	cfu/100ml	

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 22-050546-014

Sample N°: 4616925

Test Date: 15/12/2022

Category Detail: Water

Sample Condition: SEALED

Date Received: 14/12/2022

Product Description\*\*: Strandloper next To Outlet From Country Club

COA Remark\*\*: Tide: High, Time: 8:32

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	15/12/2022	90	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	15/12/2022	1	cfu/100ml	

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## SAMPLE DESCRIPTION

Lab Sample Ref #: CT 22-050546-015

Sample N°: 4616926

Test Date: 15/12/2022

Category Detail: Water

Sample Condition: SEALED

Date Received: 14/12/2022

Product Description\*\*: Langebaan Beach Houses North Street

COA Remark\*\*: Tide: High, Time: 8:50

## ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	15/12/2022	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	15/12/2022	7	cfu/100ml	

## SAMPLE DESCRIPTION

Lab Sample Ref #: CT 22-050546-016

Sample N°: 4616927

Test Date: 15/12/2022

Category Detail: Water

Sample Condition: SEALED

Date Received: 14/12/2022

Product Description\*\*: Pearly's

COA Remark\*\*: Tide: High, Time: 8:57

## ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	15/12/2022	700	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	15/12/2022	9	cfu/100ml	

## SAMPLE DESCRIPTION

Lab Sample Ref #: CT 22-050546-017

Sample N°: 4616928

Test Date: 15/12/2022

Category Detail: Water

Sample Condition: SEALED

Date Received: 14/12/2022

Product Description\*\*: Yacht Club

COA Remark\*\*: Tide: High, Time: 9:35

## ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	15/12/2022	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	15/12/2022	30	cfu/100ml	

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**SAMPLE DESCRIPTION**

**Lab Sample Ref #:** CT 22-050546-018      **Sample N°:** 4616929      **Test Date:** 15/12/2022  
**Category Detail:** Water      **Sample Condition:** SEALED      **Date Received:** 14/12/2022  
**Product Description\*\*:** Klein Oostewal Beach  
**COA Remark\*\*:** Tide: High, Time: 9:13

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> <b>Escherichia coli</b> METHOD: SWJM 45	15/12/2022	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> <b>Intestinal Enterococci (Faecal Streptococci)</b> METHOD: SWJM 57	15/12/2022	1	cfu/100ml	

**SAMPLE DESCRIPTION**

**Lab Sample Ref #:** CT 22-050546-019      **Sample N°:** 4616930      **Test Date:** 15/12/2022  
**Category Detail:** Water      **Sample Condition:** SEALED      **Date Received:** 14/12/2022  
**Product Description\*\*:** Kraalbaai North  
**COA Remark\*\*:** Tide: High, Time: 7:44

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> <b>Escherichia coli</b> METHOD: SWJM 45	15/12/2022	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> <b>Intestinal Enterococci (Faecal Streptococci)</b> METHOD: SWJM 57	15/12/2022	1	cfu/100ml	

**SAMPLE DESCRIPTION**

**Lab Sample Ref #:** CT 22-050546-020      **Sample N°:** 4616932      **Test Date:** 15/12/2022  
**Category Detail:** Water      **Sample Condition:** SEALED      **Date Received:** 14/12/2022  
**Product Description\*\*:** Kraalbaai South  
**COA Remark\*\*:** Tide: High, Time: 7:40

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> <b>Escherichia coli</b> METHOD: SWJM 45	15/12/2022	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> <b>Intestinal Enterococci (Faecal Streptococci)</b> METHOD: SWJM 57	15/12/2022	No Growth	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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Results validated on 20/12/2022

By: Charonn van der Horst

Technical Signatory