**We did Tests at Milnerton Lagoon to put Samples of Contaminated water thru the EMAWS Test Unit. Herewith Proof that the EMAWS Technology has the ability to completely clean up the contaminated water….**

**FINAL CERTIFICATE OF ANALYSIS**

| | |
|---|---|
| **COA N°:** | 561070-0 |
| **COA Date:** | 13/02/2021 |
| **Page** | 1 / 2 |

**Customer:** Cybicom Atlas Defence (Pty) Ltd
**Order N°:** 6408
**Client Reference N°:**
**Project N°:** CT 21-005354

**Analysed By** 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

**To:** Cybicom Atlas Defence (Pty) Ltd
Ms. Darcy Ocker
Cybicom House, 7D Bell Crescent
Westlake Business Park, Westlake Cape Town
7945
Western Cape

**Received from** Cybicom Atlas Defence (Pty) Ltd
Cybicom House, 7D Bell Crescent
Westlake Business Park, Westlake, Cape Town, 7945, Western Cape
E-mail: darcy@cadefence.com

**SAMPLE DESCRIPTION**
**Lab Sample Ref #:** CT 21-005354-001 **Sample N°:** 3603521 **Test Date:** 09/02/2021
**Category Detail:** Water **Sample Condition:** SEALED **Date Received:** 09/02/2021
**Product Description**:** Freshwater sample 1

**ANALYTICAL RESULTS**

| Tests | Analysis Start Date | Results | Units | Limits [Target value] |
|---|---|---|---|---|
| ☑ Escherichia coli METHOD: SWJM 45 | 09/02/2021 | 310000 | cfu/100ml | |
| ☑ Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57 | 09/02/2021 | 50000 | cfu/100ml | |

**SAMPLE DESCRIPTION**
**Lab Sample Ref #:** CT 21-005354-002 **Sample N°:** 3603522 **Test Date:** 09/02/2021
**Category Detail:** Water **Sample Condition:** SEALED **Date Received:** 09/02/2021
**Product Description**:** Freshwater sample 2

**ANALYTICAL RESULTS**

| Tests | Analysis Start Date | Results | Units | Limits [Target value] |
|---|---|---|---|---|
| ☑ Escherichia coli METHOD: SWJM 45 | 09/02/2021 | 130000 | cfu/100ml | |
| ☑ Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57 | 09/02/2021 | 7000 | cfu/100ml | |

**SAMPLE DESCRIPTION**
**Lab Sample Ref #:** CT 21-005354-003 **Sample N°:** 3603523 **Test Date:** 09/02/2021
**Category Detail:** Water **Sample Condition:** SEALED **Date Received:** 09/02/2021
**Product Description**:** Freshwater sample 3

**ANALYTICAL RESULTS**

| Tests | Analysis Start Date | Results | Units | Limits [Target value] |
|---|---|---|---|---|
| ☑ Escherichia coli METHOD: SWJM 45 | 09/02/2021 | No Growth | cfu/100ml | |
| ☑ Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57 | 09/02/2021 | No Growth | cfu/100ml | |

SWIFT SILLIKER (PTY) LTD t/a MÉRIEUX NUTRISCIENCES
7 Warrington Road, Claremont, 7708

Reg. No 2000/025067/07 SANAS ISO/IEC 17025 Accredited Testing Laboratory no T0050

**The Milnerton Lagoon Cape Town Sewerage Outfall into both the Lagoon and the beach area, is well documented as a Disaster which needed immediate attention, with the Lagoon area in urgent need of a clean up to get the e.Coli levels down to reasonable levels.**

**The EMAWS Water purification Mobile Test Unit, had cleaned up the Samples from the Milnerton Lagoon water completely with Ecoli levels down zero.**

**Note the Test Results BEFORE Sample was put through the EMAWS Technology**

**Note the Test Results AFTER Sample was put through the EMAWS Technology System**



**This Test was done by EMAWS on the Sewerage Splillage into the Milnerton Lagoon from the Potsdam facility. Contaminated water was collected and put through our Purification System Mobile Unit and sent to the Labs to be tested. The resultant was that the Ecoli level dropped to an astounding 0.00 cfu/100ml from a problematic 130 000 cfu/100ml**

**NB**