

ST HELENA PUBLIC HEALTH LABORATORY

General Hospital, Jamestown, St Helena Tel: +290 22500 Ext. 2035 Fax: +290 22530 E-mail: microbiology @ sainthelena.gov.sh

WATER MICROBIOLOGY TEST REPORT

UKAS TESTING

REPORT NUMBER: 0012/24 ISSUE DATE: 16/02/24

Sample type: Swimming Pool Routine Control Mains – Chlorinated Mains – Untreated Other (Specify)

Sample collection details: Collected by: Darren Isaac Name & Address of Customer: Connect St Helena, Seals Corner Collection Date: 12/02/2024 (W011)

14/02/2024 (W012)

Sample receipt details: Date Received in Lab: 12/02/2024

Testing Date: 12/02/2024–15/02/2024

| Lab No. | Source/Site | * Macroscopic | * Cl. Levels (ppm) | | Microbiology Results | | | | |
|---------|----------------------------------|---------------|--------------------|-------|--------------------------------------|----------|-------------------------|----------------------|--------------------------|
| Lab No. | Sour ce/site | Appearance | | | * WM 004 Total Colony Count cfu/1 ml | | WM 002 | | WM 003 |
| | | | Free | Total | 22°C/72h | 37°C/48h | Coliforms cfu/100 ml | E.coli cfu/100 ml | Enterococci cfu/100ml |
| W012/1 | Nr Solomon's Shop Levelwood | Clear | 1.32 | 1.48 | NE | NE | Not Detected | Not Detected | NE |
| W011/1 | Nr Solomon's Shop Levelwood | Clear | 1.03 | 1.22 | 17 | 19 | - | - | Not Detected |
| W011/2 | Nr Golf Course Longwood Hangings | Clear | 2.61 | 3.01 | 2 | 0 | Not Detected | Not Detected | Not Detected |
| W011/3 | Briar's Tank | Clear | 1.07 | 1.31 | 0 | 0 | Not Detected | Not Detected | Not Detected |
| W011/4 | Nr Playground HTH | Clear | 1.18 | 1.33 | 1 | 0 | Not Detected | Not Detected | Not Detected |

 $KEY: cfu-colony\ forming\ units$

NE – Not examined

| Reported by Food Microbiologist: | Kudzaiishe Nayoto | Signature: | KNayeto | Date: | 16/02/2024 |
|----------------------------------|-------------------|------------|---------|-------|------------|
| Checked by Ag Quality Manager: | Geoffrey Benjamin | Signature: | (She | Date: | 16/02/2024 |
| Authorized by Lab Manager: | Geoffrey Benjamin | Signature: | (Jun | Date: | 16/02/2024 |



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Notes:

- 1. Tests marked with * are NOT UKAS accredited
- 2. Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation.
- 3. These results relate **ONLY** to the samples as received and tested.
- 4. Chlorine levels and macroscopic appearance of water samples are provided by the customer on the request form and not by the Laboratory. These can affect the validity of results.
- 5. This report shall not be reproduced except in full, without written approval of the St Helena Public Health Laboratory.