

CERTIFICATE OF ANALYSIS

| | | | | |
|----------------------------------|--------------------------------|---------------------------------|--|----------------------------|
| Certificate Number | B952415 [R00] | Page | 1/2 | ABN: 82 079 645 015 |
| Client | Cool Off | Registering Laboratory | Brisbane | |
| Contact | Derrick Addison | Contact | Customer Service Team | |
| Address | 271 Jude Road Howlong NSW 2643 | Address | 52 Brandl Street, Eight Mile Plains, QLD 4113 | |
| Telephone | 02 6026 5466 | Email | admin@symbiolabs.com.au | |
| Order Number | --- | Telephone | 1300 703 166 | |
| Job Description | Water | Date Samples Received | 01/10/2020 | |
| Client Job Reference | --- | Date Analysis Commenced | 01/10/2020 | |
| No. of Samples Registered | 1 Sampler: Customer | Issue Date | 09/10/2020 | |
| Priority | Normal | Receipt Temperature (°C) | 6.3 | |
| | | Storage Temperature (°C) | 4 | |



Accreditation No: 2455
Accredited for compliance
with ISO/IEC 17025 - Testing

This report supersedes any previous revision with this reference. This document must not be reproduced, except in full. If samples were provided by the customer, results apply only to the samples 'as received' and responsibility for representative sampling rests with the customer. Results are reported on as 'as is' basis unless otherwise indicated in the 'Report Comments' section. Measurement Uncertainty is available upon request or via www.symbiolabs.com.au/login. If the laboratory was authorised to conduct testing on samples received outside of the specified conditions, all test results may be impacted. Details of samples received outside of the specified conditions are mentioned in the sample description section of this test report.

Definitions

| <: Less Than | >: Greater Than | RP: Result Pending | ~: Estimated | MPN: Most Probable Number | CFU: Colony Forming Units | ---: Not Received/Not Requested | | ^ Subcontracted Analysis | NA: Not Applicable | [NT]: Not Tested | LOR: Limit of Reporting | TBA: To Be Advised | ND: Not Detected | * Test not covered by NATA scope of accreditation | # Result derived from a calculation and includes results equal to or greater than the LOR | IH: Inconsistent results possibly caused by sample homogeneity

Authorised By

| Name | Position | Accreditation Category |
|--------------|--|-------------------------|
| Glen Rangott | Environmental Laboratory Manager, Brisbane | Environmental Chemistry |

Sample Information - Client/Sampler Supplied

| Sample ID | Sample Description | Sample Matrix |
|-----------|---|-----------------|
| B952415/1 | Sample Date: 2020-09-28; Water Sample #5222 | Water - General |

Analytical Results

| Compound/Analyte | Method | LOR | Units | B952415/1 |
|-------------------------|---|-------|---------|-----------|
| Total Kjeldahl Nitrogen | EFF001 - Nitrogen (Total Kjeldahl) in Water/Effluent | 1 | mg/L | 88 |
| Nitrate (as N) | EFF004.1 - Nitrate-Nitrogen in Water/Effluent FIA | 0.005 | mg/L | <0.50 |
| Nitrite (as N) | EFF005.1 - Nitrite N in Water by FIA | 0.005 | mg/L | <0.50 |
| pH | EFF006 - pH in Water/Effluent | --- | pH Unit | 6.30 |
| Electrical Conductivity | EFF007 - Electrical Conductivity in Water | 5 | µS/cm | 690 |
| Solids (Suspended) | EFF009 - Suspended Solids in Water | 1 | mg/L | 450 |
| Solids (Dissolved) | EFF010 - Dissolved Solids in Water | 1 | mg/L | 450 |
| Chloride | EFF011 - Chloride in Water | 2 | mg/L | 59 |
| Fluoride | EFF015 - Fluoride in Water | 0.05 | mg/L | 0.14 |
| Sulphate | EFF016 - Sulphate in Water | 5 | mg/L | 6.6 |
| Oil & Grease | EFF021 - Oil & Grease (Gravimetric) in Water | 2 | mg/L | 100 |
| BOD (5day) | EFF023 - BOD in Water | 2 | mg/L | 1000 |
| Total Phosphorus | EFF029.1 - Total N & P in Water by FIA | 0.01 | mg/L | 9.2 |
| Nitrogen (Total) # | EFF085 - Nitrogen (Total) in Water/Effluent | 1 | mg/L | 88 |
| Potassium (Total) | EWI02 - ICP-AES Acid Extractable (total metals) elements in water | 0.2 | mg/L | 28 |
| Calcium (Total) | EWI02 - ICP-AES Acid Extractable (total metals) elements in water | 0.1 | mg/L | 14 |

Analytical Results

| Compound/Analyte | Method | LOR | Units | B952415/1 |
|--------------------------------|---|-------|-------|-----------|
| Magnesium (Total) | EWI02 - ICP-AES Acid Extractable (total metals) elements in water | 0.05 | mg/L | 7.9 |
| Sodium (Total) | EWI02 - ICP-AES Acid Extractable (total metals) elements in water | 1 | mg/L | 49 |
| Boron (Total) | EWM02 - Total metals in water by ICPMS | 0.005 | mg/L | 0.15 |
| Salinity (Total Soluble Salt)# | EFF041 - Salinity Calculation | 2 | mg/L | 440 |
| Magnesium (Dissolved) | EWI01 - Dissolved metals in Water by ICPOES | 0.05 | mg/L | 7.4 |
| Calcium (Dissolved) | EWI01 - Dissolved metals in Water by ICPOES | 0.1 | mg/L | 4.6 |
| Alkalinity Total (CaCO3) | EFF031 - Alkalinity as CaCO3 in water | 1 | mg/L | 160 |
| Alkalinity Bicarb (CaCO3) | EFF031 - Alkalinity as CaCO3 in water | 1 | mg/L | 160 |
| Alkalinity Carbonate (CaCO3) | EFF031 - Alkalinity as CaCO3 in water | 1 | mg/L | <1 |
| Alkalinity Hydroxide(CaCO3) | EFF031 - Alkalinity as CaCO3 in water | 1 | mg/L | <1 |
| Residual Alkalinity | EFF031 - Alkalinity as CaCO3 in water | 1 | meq/L | <1 |

Analysis Location

All in-house analysis was completed by Symbio Laboratories - Brisbane.

Report Comments

Laboratory results for pH, chlorine or dissolved oxygen are for information purpose only - testing conducted outside recommended storage time of 0.25hr from sampling.