

CERTIFICATE OF ANALYSIS

CERTIFICATE NO.: B809536 Page 1 of 3
ISSUE DATE: 1/08/19

REVISION NO: 00
 This certificate supersedes any previous revisions

CLIENT DETAILS: Derrick Addison
 Cool Off
 271 Jude Road
 Howlong NSW 2643

JOB INFORMATION: Water
RECEIVE CONDITION: 5.3 °C
STORAGE CONDITION: 4 °C
TEST DATE: Sample tested between date received and reported

DATE RECEIVED: 25/07/2019
CLIENT REF. NO:
ORDER NO:

RESULTS OF ANALYSIS:

| Test | Method Code | LOR | Unit | B809536-1 Waste Water Sample# 4420 |
|-------------------------|-------------|-------|---------|------------------------------------|
| General Tests | | | | |
| Total Kjeldahl Nitrogen | EFF001 | 1 | mg/L | 770 |
| Nitrate (as N) | EFF004.1 | 0.005 | mg/L | 0.53 |
| Nitrite (as N) | EFF005.1 | 0.005 | mg/L | <0.5 |
| pH | EFF006 | | pH Unit | 6.13 |
| Electrical Conductivity | EFF007 | 5 | µS/cm | 1,400 |
| Solids (Suspended) | EFF009 | 1 | mg/L | 1,900 |
| Chloride | EFF011 | 2 | mg/L | 220 |
| Fluoride | EFF015 | 0.05 | mg/L | 0.24 |
| Sulphate | EFF016 | 5 | mg/L | 63 |
| Oil & Grease | EFF021 | 2 | mg/L | 986 |
| BOD (5day) | EFF023 | 2 | mg/L | 3,000 |
| Total Phosphorus | EFF029.1 | 0.01 | mg/L | 41 |



The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards.
 Accredited for compliance with ISO/IEC 17025 – Testing.
 NATA Corporate Accreditation No.: 2455

Symbio Laboratories Pty Ltd
 ABN 82 079 645 015

▪ Tel: 1300 703 166 ▪ Fax: +61 7 3219 0333

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- Wagga Wagga: Unit 5, 10-12 Koorringal Rd, Wagga Wagga NSW 2650
- Perth: 2/20 Milford Street, East Victoria Park WA 6101

| Test | Method Code | LOR | Unit | B809536-1 Waste Water Sample# 4420 |
|---|----------------|-------|---------------------------|--|
| Bicarbonate | EFF031 | 1 | mg/L CaCO ₃ | 338.9 |
| Dissolved salts (Salinity) # | EFF041 | 1 | mg/L | 874 |
| Nitrogen (Total) # | EFF085 | 1 | mg/L | 770 |
| Total Solids | | | | |
| Total Solids | APHA2540B | 1 | mg/L | 4,340 |
| Alkalinity - Residual | | | | |
| Magnesium (Dissolved) | EWI01 | 0.05 | mg/L | 11 |
| Calcium (Dissolved) | EWI01 | 0.1 | mg/L | 15 |
| Residual Alkalinity | EFF031 | 1 | meq/L | 2 |
| Physical - Alkalinity | | | | |
| Alkalinity Bicarb (CaCO ₃) | EFF031 | 1 | mg/L | 339 |
| Alkalinity Carbonate (CaCO ₃) | EFF031 | 1 | mg/L | <1 |
| Alkalinity Hydroxide (CaCO ₃) | EFF031 | 1 | mg/L | <1 |
| Alkalinity Total (CaCO ₃) | EFF031 | 1 | mg/L | 339 |
| EWI02.15 15 Element water tot | | | | |
| Potassium (Total) | EWI02 | 0.2 | mg/L | 72 |
| Calcium (Total) | EWI02 | 0.1 | mg/L | 23 |
| Magnesium (Total) | EWI02 | 0.05 | mg/L | 12 |
| Sodium (Total) | EWI02 | 1 | mg/L | 130 |
| Elements (total) | | | | |
| Boron (Total) | EWM02 | 0.005 | mg/L | 1.0 |



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DEFINITIONS: < : Less than, > : Greater than, [NT] : Not Tested, DWB : Dry Weight Basis, NA: not applicable, RP: Result Pending, - : Not received / requested / tested, ~ : Estimated, TBA: - to be advised, Δ: reference only holding time exceeded

* Test not covered by NATA scope of accreditation

: The result is derived from a calculation and includes results equal to, or greater than the LOR. Where applicable, results are calculated as sum of reportable isomers.

Results were reported on an "as received" basis unless otherwise indicated.

Sampling was conducted by the customer and results reported pertain only to the samples submitted.

Responsibility for representative sampling rests with the customer.



Renjie Wang, Laboratory Technician
Environmental (Brisbane)



Marc Lazo, Senior Laboratory Technician
Chemistry (Brisbane)



Nirmala Themislage, Laboratory Technician
Environmental (Brisbane)



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