

**CERTIFICATE OF ANALYSIS**

**CERTIFICATE NO.:** B816821                      Page 1 of 3  
**ISSUE DATE:** 23/08/19

**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:** 6.1 °C  
**STORAGE CONDITION:** 4 °C  
**TEST DATE:** Sample tested between date received  
 and reported

**DATE RECEIVED:** 16/08/2019  
**CLIENT REF. NO:**  
**ORDER NO:**

**RESULTS OF ANALYSIS:**

Test	Method Code	LOR	Unit	B816821-1 Waste Water Sample# 4450
<b>General Tests</b>				
Total Kjeldahl Nitrogen	EFF001	1	mg/L	250
Nitrate (as N)	EFF004.1	0.005	mg/L	0.28
Nitrite (as N)	EFF005.1	0.005	mg/L	<0.25
pH	EFF006		pH Unit	6.39
Electrical Conductivity	EFF007	5	µS/cm	1,500
Solids (Suspended)	EFF009	1	mg/L	680
Chloride	EFF011	2	mg/L	200
Fluoride	EFF015	0.05	mg/L	0.17
Sulphate	EFF016	5	mg/L	58
Oil & Grease	EFF021	2	mg/L	369
BOD (5day)	EFF023	2	mg/L	2,200
Total Phosphorus	EFF029.1	0.01	mg/L	29



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  
 This document must not be reproduced except in full.

- Brisbane: 52 Brandl Street, Eight Mile Plains QLD 4113
- Townsville: 17 Hamill Street, Garbutt QLD 4814
- Melbourne: Unit 36, 640-680 Geelong Rd, Brooklyn VIC 3025
- Sydney: 2 Sirius Rd, Lane Cove West NSW 2066
- 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	B816821-1 Waste Water Sample# 4450
Bicarbonate	EFF031	1	mg/L CaCO <sub>3</sub>	445.3
Dissolved salts (Salinity) #	EFF041	5	mg/L	946
Nitrogen (Total) #	EFF085	1	mg/L	250
Solids (Total)	EFF008	1	mg/L	2,300
<b>Alkalinity - Residual</b>				
Magnesium (Dissolved)	EWI01	0.05	mg/L	8.9
Calcium (Dissolved)	EWI01	0.1	mg/L	12
Residual Alkalinity	EFF031	1	meq/L	3
<b>Physical - Alkalinity</b>				
Alkalinity Bicarb (CaCO <sub>3</sub> )	EFF031	1	mg/L	445
Alkalinity Carbonate (CaCO <sub>3</sub> )	EFF031	1	mg/L	<1
Alkalinity Hydroxide (CaCO <sub>3</sub> )	EFF031	1	mg/L	<1
Alkalinity Total (CaCO <sub>3</sub> )	EFF031	1	mg/L	445
<b>EWI02.15 15 Element water tot</b>				
Potassium (Total)	EWI02	0.2	mg/L	50
Calcium (Total)	EWI02	0.1	mg/L	41
Magnesium (Total)	EWI02	0.05	mg/L	11
Sodium (Total)	EWI02	1	mg/L	130
<b>Elements (total)</b>				
Boron (Total)	EWM02	0.005	mg/L	0.035



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  
This document must not be reproduced except in full.

- Brisbane: 52 Brandl Street, Eight Mile Plains QLD 4113
- Townsville: 17 Hamill Street, Garbutt QLD 4814
- Melbourne: Unit 36, 640-680 Geelong Rd, Brooklyn VIC 3025
- Sydney: 2 Sirius Rd, Lane Cove West NSW 2066
- Wagga Wagga: Unit 5, 10-12 Koorungal Rd, Wagga Wagga NSW 2650
- Perth: 2/20 Milford Street, East Victoria Park WA 6101

**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.



Marc Lazo, Senior Laboratory Technician  
Chemistry (Brisbane)



Nirmala Themislag, Laboratory Technician  
Environmental (Brisbane)



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

This document must not be reproduced except in full.

- Brisbane: 52 Brandl Street, Eight Mile Plains QLD 4113
- Townsville: 17 Hamill Street, Garbutt QLD 4814
- Melbourne: Unit 36, 640-680 Geelong Rd, Brooklyn VIC 3025
- Sydney: 2 Sirius Rd, Lane Cove West NSW 2066
- Wagga Wagga: Unit 5, 10-12 Koorringal Rd, Wagga Wagga NSW 2650
- Perth: 2/20 Milford Street, East Victoria Park WA 6101