

## CERTIFICATE OF ANALYSIS

**CERTIFICATE NO.:** B683211                      Page 1 of 3  
**ISSUE DATE:** 2/07/18

**REVISION NO:** 00  
 This certificate supersedes any previous revisions

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

**JOB INFORMATION:** Water  
**RECEIVE CONDITION:** 10.5 °C  
**STORAGE CONDITION:** 4 °C  
**TEST DATE:** Sample tested between date received and reported

**DATE RECEIVED:** 21/06/2018  
**CLIENT REF. NO:**  
**ORDER NO:**

**RESULTS OF ANALYSIS:**

Test	Method Code	LOR	Unit	B683211-1 Waste Water Sample 3421 19/06/2018
<b>General Tests</b>				
Total Kjeldahl Nitrogen	EFF001	1	mg/L	800
Nitrate (as N)	EFF004.1	0.005	mg/L	0.012
Nitrite (as N)	EFF005.1	0.005	mg/L	0.062
pH	EFF006	0.01	pH Unit	6.20
Electrical Conductivity	EFF007	5	µS/cm	3,600
Solids (Suspended)	EFF009	2	mg/L	1,400
Solids (Dissolved)	EFF010	2	mg/L	7,100
Chloride	EFF011	2	mg/L	460
Fluoride	EFF015	0.05	mg/L	0.46
Sulphate	EFF016	5	mg/L	58
Oil & Grease	EFF021	2	mg/L	481
BOD (5day)	EFF023	2	mg/L	6,800



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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- Brisbane: 52 Brandl Street, Eight Mile Plains QLD 4113
- Melbourne: Unit 36, 640-680 Geelong Rd, Brooklyn VIC 3025
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- Rockhampton: Unit 3, 191 Berserker St, Berserker QLD 4701
- Wagga Wagga: Unit 5, 10-12 Koorngal Rd, Wagga Wagga NSW 2650

Test	Method Code	LOR	Unit	B683211-1 Waste Water Sample 3421 19/06/2018
Total Phosphorus	EFF029.1	0.01	mg/L	150
Bicarbonate	EFF031	1	mg/L CaCO <sub>3</sub>	1,412.0
Dissolved salts (Salinity) #	EFF041	1	mg/L	2,300
Nitrogen (Total) #	EFF085	1	mg/L	800
<b>Alkalinity - Residual</b>				
Magnesium (Dissolved)	EWI01	0.01	mg/L	21
Calcium (Dissolved)	EWI01	0.1	mg/L	5.4
Residual Alkalinity	EFF031	1	meq/L	12
<b>Physical - Alkalinity</b>				
Alkalinity Bicarb (CaCO <sub>3</sub> )	EFF031	1	mg/L	1,410
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	1,410
<b>Major Cations</b>				
Calcium (Total)	EWI02	0.1	mg/L	19
Magnesium (Total)	EWI02	0.05	mg/L	23
Sodium (Total)	EWI02	1	mg/L	210
Potassium (Total)	EWI02	0.2	mg/L	330
<b>Elements (total)</b>				
Boron (Total)	EWM02	0.005	mg/L	0.060



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**DEFINITIONS:** < : Less than, > : Greater than, - : Not Tested, DWB : Dry Weight Basis, NA: not applicable, RP: Result Pending, - : Not received / requested, ~ : Estimated, TBA - to be advised

\* 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.



Maxim Kowal, Senior Lab Technician  
Chemistry (Brisbane)



Hoyun Jeong, Team Leader  
Chemistry (Brisbane)



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