

## CERTIFICATE OF ANALYSIS

**CERTIFICATE NO.:** B799365                      Page 1 of 3  
**ISSUE DATE:** 4/07/19

**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:** 6.5 °C  
**STORAGE CONDITION:** 4 °C  
**TEST DATE:** Sample tested between date received and reported

**DATE RECEIVED:** 27/06/2019  
**CLIENT REF. NO:**  
**ORDER NO:**

**RESULTS OF ANALYSIS:**

Test	Method Code	LOR	Unit	B799365-1 Waste Water Sample# 4392
<b>General Tests</b>				
Total Kjeldahl Nitrogen	EFF001	1	mg/L	220
Nitrate (as N)	EFF004.1	0.005	mg/L	<0.5
Nitrite (as N)	EFF005.1	0.005	mg/L	<0.5
pH	EFF006		pH Unit	6.39
Electrical Conductivity	EFF007	5	µS/cm	1,100
Solids (Suspended)	EFF009	1	mg/L	1,400
Solids (Dissolved)	EFF010	1	mg/L	1,500
Chloride	EFF011	2	mg/L	180
Fluoride	EFF015	0.05	mg/L	0.24
Sulphate	EFF016	5	mg/L	80
Oil & Grease	EFF021	2	mg/L	557
BOD (5day)	EFF023	2	mg/L	3,000



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

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- Brisbane: 52 Brandl Street, Eight Mile Plains QLD 4113
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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	B799365-1 Waste Water Sample# 4392
Total Phosphorus	EFF029.1	0.01	mg/L	26
Bicarbonate	EFF031	1	mg/L CaCO <sub>3</sub>	317.4
Dissolved salts (Salinity) #	EFF041	1	mg/L	692
Nitrogen (Total) #	EFF085	1	mg/L	220
<b>Alkalinity - Residual</b>				
Magnesium (Dissolved)	EWI01	0.05	mg/L	2.1
Calcium (Dissolved)	EWI01	0.1	mg/L	14
Residual Alkalinity	EFF031	1	meq/L	2
<b>Physical - Alkalinity</b>				
Alkalinity Bicarb (CaCO <sub>3</sub> )	EFF031	1	mg/L	317
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	317
<b>EWI02.15 15 Element water tot</b>				
Potassium (Total)	EWI02	0.2	mg/L	45
Calcium (Total)	EWI02	0.1	mg/L	68
Magnesium (Total)	EWI02	0.05	mg/L	10
Sodium (Total)	EWI02	1	mg/L	100
<b>Elements (total)</b>				
Boron (Total)	EWM02	0.005	mg/L	<0.005



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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.



Marc Lazo, Senior Laboratory Technician  
Chemistry (Brisbane)



Hoyun Jeong, Team Leader  
Chemistry (Brisbane)



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