

CERTIFICATE OF ANALYSIS

CERTIFICATE NO.: B712453 Page 1 of 3
ISSUE DATE: 28/09/18

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: 13 °C
STORAGE CONDITION: 4 °C
TEST DATE: Sample tested between date received and reported

DATE RECEIVED: 21/09/2018
CLIENT REF. NO:
ORDER NO:

RESULTS OF ANALYSIS:

Test	Method Code	LOR	Unit	B712453-1 Waste Water Sample 3751 19/09/2018
General Tests				
Total Kjeldahl Nitrogen	EFF001	1	mg/L	470
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	6.46
Electrical Conductivity	EFF007	5	µS/cm	1,800
Solids (Suspended)	EFF009	2	mg/L	1,600
Solids (Dissolved)	EFF010	2	mg/L	2,400
Chloride	EFF011	2	mg/L	180
Fluoride	EFF015	0.05	mg/L	0.58
Oil & Grease	EFF021	2	mg/L	356
BOD (5day)	EFF023	2	mg/L	3,900
Sulphate	EFF016	5	mg/L	61



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
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Test	Method Code	LOR	Unit	B712453-1 Waste Water Sample 3751 19/09/2018
Total Phosphorus	EFF029.1	0.01	mg/L	50
Bicarbonate	EFF031	1	mg/L CaCO ₃	561.8
Dissolved salts (Salinity) #	EFF041	1	mg/L	1,180
Nitrogen (Total) #	EFF085	1	mg/L	470
Alkalinity - Residual				
Magnesium (Dissolved)	EWI01	0.05	mg/L	14
Calcium (Dissolved)	EWI01	0.1	mg/L	4.7
Residual Alkalinity	EFF031	1	meq/L	4
Physical - Alkalinity				
Alkalinity Bicarb (CaCO ₃)	EFF031	1	mg/L	562
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	562
Major Cations				
Calcium (Total)	EWI02	0.1	mg/L	19
Magnesium (Total)	EWI02	0.05	mg/L	15
Sodium (Total)	EWI02	1	mg/L	110
Potassium (Total)	EWI02	0.2	mg/L	91
Elements (total)				
Boron (Total)	EWM02	0.005	mg/L	0.053



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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.



Hoyun Jeong, Team Leader
Chemistry (Brisbane)



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