

Certificate of Analysis

Contact:	John Carter	Date Received:	19/09/2018
Customer:	Oyster Cove Waterfront CTS 283	Date Commenced:	19/09/2018
Address:	PO Box 8319 GCMC QLD 9726	Time Commenced (Microbiology):	
		Date Reported:	10/10/2018
		No. of Samples:	3

Cust Ref: REC: 44920740

Comments: Samples were collected as per sampling method SS.PM.2.4 (2.9.2) and at sites specified by customer. Test results have been compared to the ANZECC (2000) trigger value ranges for estuarine waters (Table 3.3.4). Trigger values in this guideline are as follows:

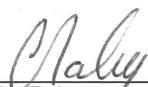
Total Phosphorous 0.02mg/L.	Total Nitrogen 0.250 mg/L.	
Ammonia 0.015 mg/L.	Oxidised Nitrogen 0.030 mg/L.	Orthophosphorous 0.005mg/L.
Chlorophyll a 2 ug/L	pH 7.0 - 8.5	Dissolved oxygen 80 - 120 %

Overall the Nutrient results are lower than 26/10/17 results.

Key: ND = Not detected * = Approximation only < = less than > = greater than EST = Estimated ^ = Test not covered by scope of NATA accreditation LOR = Level of Reporting
NP = Not Performed

This report supersedes any previous report(s) with this reference. This document shall not be reproduced, except in full.

Authorised By


Christine Traby
Senior Scientific Officer

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Accreditation No. 2536
Accredited for compliance
with ISO/IEC 17025 – Testing

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Batch Number : 18091318

Survey Name : Calmwater Lake

Certificate of Analysis

Client Sample ID: 2018017050 2018017051 2018017052

Client Sampling Date: 19/09/2018 19/09/2018 19/09/2018

Client Sampling Time: 0805 0815 0825

Parameter	Units	LoR	Site 1- Pontoon (Pearl Bay)	Site 2- Channel btw Prosperity Dr & Windchimes Way	Site 3- Lock
APHA 4500 Cl-C : Chloride (low)					
Chloride (low)	mg/L	1	18790	19390	19390
APHA 10200 H : Chlorophyll a					
Chlorophyll a	ug/L	1	<1.0	4	2
APHA 2510 B : Conductivity (insitu)					
Conductivity	mS/cm	0.03	52.6	52.8	52.9
APHA 4500 OG : Dissolved Oxygen (insitu)					
Dissolved Oxygen	mg/L	0.1	7.1	7.0	7.4
Dissolved Oyxgen (%Sat)	% Sat		98	95	102
APHA 4500 H+ : pH (insitu)					
pH		0.03	7.9	8.0	8.0
APHA 2130 B : Turbidity					
Turbidity	NTU	0.1	1.7	2.4	1.9
CMM 6.10.9 : Sulphur/Sulphate (Total) by ICP					
Sulfate	mg/L	1	2700	2800	2800
Sulfur	mg/L	1	890	920	930

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Parameter	Units	LoR	Site 1- Pontoon (Pearl Bay)	Site 2- Channel btw Prosperity Dr & Windchimes Way	Site 3- Lock
CMM 7.1.2 / CMM 7.2 / CMM 7.3 / CMM 10.1.2 / CMM 10.2 : Nutrients by FIA					
Ammonia Nitrogen	mg/L	0.01	0.05	<0.01	0.01
Orthophosphate Phosphorus	mg/L	0.01	0.01	<0.01	0.01
Oxidised Nitrogen	mg/L	0.02	<0.02	<0.02	<0.02
Total Nitrogen	mg/L	0.1	0.24	0.24	0.25
Total Phosphorus	mg/L	0.01	0.01	0.01	0.01
APHA 2540 C / APHA 2540 D / APHA 2540 E / APHA 2540 G : Solids					
Total Suspended Solids	mg/L	2	5	6	3