

Certificate of Analysis

Contact:	John Carter	Date Received:	26/10/2017
Customer:	Oyster Cove Waterfront CTS 283	Date Commenced:	26/10/2017
Address:	PO Box 8319 GCMC QLD 9726	Time Commenced (Microbiology):	
		Date Reported:	7/11/2017
		No. of Samples:	3

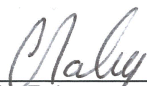
Cust Ref:

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 (200) trigger value ranges for estuarine waters (Table 3.3.4). Total Phosphorous and Total Nitrogen results for all samples are above the trigger value of 0.02mg/L and 0.250 mg/L respectively .
Ammonia & Oxidised Nitrogen results are above the trigger values of 0.015 mg/L and 0.030 mg/L respectively for site 1.
Orthophosphorous and ammonia results are above the trigger values of 0.005mg/L and 0.015mg/L respectively for Site 3.
Overall the Nutrient results are higher than 21/10/16 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

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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 : 17102003

Survey Name : Calmwater Lake

Certificate of Analysis

Client Sample ID: 2017016763 2017016764 2017016765

Client Sampling Date: 26/10/2017 26/10/2017 26/10/2017

Client Sampling Time: 1030 1040 1055

Parameter	Units	LoR	Site 1- Pontoon (Pearl Bay)	Site 2- Channel btw Properity Dr & Windchimes Way	Site 3- Lock
APHA 4500 Cl-C : Chloride (low)					
Chloride (low)	mg/L	1	14400	14200	14400
APHA 10200 H : Chlorophyll a					
Chlorophyll a	ug/L	1	2	2	<1
APHA 2510 B : Conductivity (insitu)					
Conductivity	mS/cm	0.03	39.6	40.1	40.4
APHA 4500 OG : Dissolved Oxygen (insitu)					
Dissolved Oyxgen (%Sat)	% Sat		106	108	125
Dissolved Oxygen	mg/L	0.1	7.5	7.7	8.8
APHA 4500 H+ : pH (insitu)					
pH		0.03	7.8	8.0	8.0
APHA 2130 B : Turbidity					
Turbidity	NTU	0.1	1.9	2.4	3.2
APHA 2540 C / APHA 2540 D / APHA 2540 E / APHA 2540 G : Solids					
Total Suspended Solids	mg/L	2	11	<2	5
CMM 6.10.9 : Sulphur/Sulphate (Total) by ICP					
Sulfur	mg/L	1	840	490	740
Sulfate	mg/L	1	2530	1490	2250

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Parameter	Units	LoR	Site 1- Pontoon (Pearl Bay)	Site 2- Channel btwProperty 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	0.005	0.032	0.012	0.020
Oxidised Nitrogen	mg/L	0.006	0.037	0.007	0.007
Orthophosphate Phosphorus	mg/L	0.003	<0.003	<0.003	<0.003
Total Nitrogen	mg/L	0.05	0.32	0.26	0.34
Total Phosphorus	mg/L	0.005	0.023	0.021	0.034