

Certificate of Analysis

Contact: John Carter
Customer: Oyster Cove Waterfront CTS 283
Address: PO Box 8319
GCMC QLD 9726

Date Received: 29/06/2021
Date Commenced:
Time Commenced (Microbiology):
Date Approved: 22/07/2021

Cust Ref: **No. of Samples:** 3

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. Orth phosphorous 0.005mg/L.
Chlorophyll a 2 ug/L pH 7.0 - 8.5 Dissolved oxygen 80 - 120 %


Nutrient results for this survey have increased compared to 12/09/2019 results.

For information on Uncertainty of Measurement, please go to <https://www.goldcoast.qld.gov.au/scientific-laboratory-services-16246.html>

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 MPN = Most Probable Number CFU = Colony Forming Units PFU = Plaque Forming Units

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

Certificate of Analysis

Sample ID: 2021012126 2021012127 2021012128

Sampling Date: 29/06/2021 29/06/2021 29/06/2021

Sampling Time: 1140 1116 1130

Parameter	Units	LoR	Site 1- Pontoon (Pearl Bay)	Site 2- Channel btwProperity Dr & Windchimes Way	Site 3- Lock
APHA 4500 Cl-C : Chloride (low)					
Chloride (low)	mg/L	1	16330	16100	16000
APHA 10200 H : Chlorophyll a					
Chlorophyll a	ug/L	1	9	4	2
APHA 2510 B : Conductivity (insitu)					
Conductivity	mS/cm	0.03	41.6	40.3	40.8
APHA 4500 OG : Dissolved Oxygen (insitu)					
Dissolved Oxygen	mg/L	0.1	7.2	7.3	8.2
Dissolved Oyxgen (%Sat)	% Sat		94	95	104
APHA 4500 H+ : pH (insitu)					
pH		0.03	7.9	7.8	8.0
APHA 2130 B : Turbidity					
Turbidity	NTU	0.1	0.94	0.78	0.87
CMM 6.10.9 : Sulphur/Sulphate (Total) by ICP					
Sulfate	mg/L	1	2910	3430	3410
Sulfur	mg/L	1	960	1130	1120

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Parameter	Units	LoR	Site 1- Pontoon (Pearl Bay)	Site 2- Channel btw Properity 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	0.048	0.023	0.017
Orthophosphate Phosphorus	mg/L	0.003	0.035	0.023	0.025
Oxidised Nitrogen	mg/L	0.006	0.007	<0.006	<0.006
Total Nitrogen	mg/L	0.05	0.44	0.36	0.33
Total Phosphorus	mg/L	0.005	0.067	0.042	0.041
APHA 2540 C / APHA 2540 D / APHA 2540 E / APHA 2540 G : Solids					
Total Suspended Solids	mg/L	2	3	2	<2