

RESULTS OF WATER ANALYSIS

1 sample supplied by Palmers Island Mulloway on 28/11/2017. Lab Job No.G5387

Samples submitted by Andrew Carroll. Your Job: PIM Settlement

Unit 2, 3 Benelong Cres BELLEVIUE HILL NSW 2023

Parameter	Methods reference	Sample 1 PIM Settlement 28/11/17
	<i>Job No.</i>	<i>G5387/1</i>
pH	APHA 4500-H ⁺ -B	8.45
Total Suspended Solids (mg/L)	GFC equiv. filter - APHA 2540-D	43
Biochemical Oxygen Demand ₅ (mg/L O ₂)	APHA 5210-B	8.8
Total Phosphorous (mg/L P)	In house method W4	0.311
Total Nitrogen (mg/L N)	In house method W4	1.09

Notes:

1. Total metals - samples digested with nitric acid; Total available (acid soluble/ extractable) metals - samples acidified with nitric acid to pH <2
Dissolved metals - samples filtered through 0.45µm cellulose acetate and then acidified with nitric acid prior to analysis
2. Metals and salts analysed by Inductively Coupled Plasma - Mass Spectrometry (ICP-MS).
3. 1 mg/L (milligram per litre) = 1 ppm (part per million) = 1000 µg/L (micrograms per litre) = 1000 ppb (part per billion).
4. For conductivity 1 dS/m = 1 mS/cm = 1000 µS/cm.
5. Analysis performed according to APHA (2017) 'Standard Methods for the Examination of Water & Wastewater', 23rd Edition, except where stated otherwise.
6. Analysis conducted between sample arrival date and reporting date.
7. ** NATA accreditation does not cover the performance of this service.
8. .. Denotes not requested.
9. This report is not to be reproduced except in full.



checked:
Graham Lancaster
Laboratory Manager