

RESULTS OF WATER ANALYSIS

2 samples supplied by Palmers Island Mulloway on the 9th January, 2013 - Lab. Job No. C3988

Analysis requested by Andrew Carroll.

(Po Box 89, YAMBA NSW 2464).

PARAMETER	METHODS REFERENCE	Sample 1 Settlement Pond	Sample 2 River
	<i>Job No.</i>	<i>C3988/1</i>	<i>C3988/2</i>
pH	APHA 4500-H ⁺ -B	7.43	7.81
TOTAL SUSPENDED SOLIDS (mg/L)	GFC equiv. filter - APHA 2540-D	10	31
BIOCHEMICAL OXYGEN DEMAND ₅ (mg/L O ₂)	APHA 5210-B	2	1
TOTAL PHOSPHORUS (mg/L P)	APHA 4500 P-H	0.65	0.06
TOTAL NITROGEN (mg/L N)	APHA 4500 N-C	1.14	0.35

Notes:

1. Dissolved metals - samples filtered through 0.45µm cellulose acetate and then acidified with nitric acid prior to analysed
2. Metals/ salts analysed by ICP-MS (Inductively Coupled Plasma - Mass Spectrometry) or ICP-OES (Inductively Coupled Plasma - Optical Emission Spectrometry)
3. 1 mg/L (milligram per litre) = 1 ppm (part per million) = 1000 µg/L (micrograms per litre)= 1000 ppb (part per billion)
4. Analysis performed according to APHA, 2005, "Standard Methods for the Examination of Water & Wastewater", 21st Edition, except where stated otherwise.
5. Analysis conducted between sample arrival date and Report provision date
6. ** denotes these test procedures are as yet not NATA accredited but quality control data is available
7. .. Denotes not requested



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