

## RESULTS OF WATER ANALYSIS

2 samples supplied by Palmers Island Mulloway on the 7th August, 2013 - Lab. Job No. C7947

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>C7947/1</i>	<i>C7947/2</i>
pH	APHA 4500-H <sup>+</sup> -B	7.61	8.10
TOTAL SUSPENDED SOLIDS (mg/L)	GFC equiv. filter - APHA 2540-D	5	7
BIOCHEMICAL OXYGEN DEMAND <sub>5</sub> (mg/L O <sub>2</sub> )	APHA 5210-B	1.1	0.6
TOTAL PHOSPHORUS (mg/L P)	APHA 4500 P-H	0.17	0.02
TOTAL NITROGEN (mg/L N)	APHA 4500 N-C	1.12	0.09

### 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. For conductivity - 1 dS/m = 1 mS/cm = 1000 µS/cm
5. Analysis performed according to APHA, 2012, "Standard Methods for the Examination of Water & Wastewater", 22nd Edition, except where stated otherwise.
6. Analysis conducted between sample arrival date and Report provision date
7. \*\* denotes these test procedure or calculation are as yet not NATA accredited but quality control data is available
8. .. Denotes not requested



WORLD RECOGNISED  
ACCREDITATION  
Accreditation No. 14960.  
Accredited for compliance  
with ISO/IEC 17025.

checked: .....  
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