



Environmental Division

CERTIFICATE OF ANALYSIS

Work Order	: ES0800836	Page	: 1 of 3
Client	: CARBON BASED ENVIRONMENTAL	Laboratory	: Environmental Division Sydney
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Project	: RODA WATER	QC Level	: NEPM 1999 Schedule B(3) and ALS QCS3 requirement
Order number	: ----	Date Samples Received	: 22-JAN-2008
C-O-C number	: ----	Issue Date	: 30-JAN-2008
Sampler	: CLIENT	No. of samples received	: 5
Site	: ----	No. of samples analysed	: 5
Quote number	: SY/106/07		

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results



NATA Accredited Laboratory 825

This document is issued in accordance with NATA accreditation requirements.

Accredited for compliance with ISO/IEC 17025.

Signatories

This document has been electronically signed by the authorized signatories indicated below. Electronic signing has been carried out in compliance with procedures specified in 21 CFR Part 11.

<i>Signatories</i>	<i>Position</i>	<i>Accreditation Category</i>
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General Comments

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes.

Key : CAS Number = Chemistry Abstract Services number

LOR = Limit of reporting

^ = This result is computed from individual analyte detections at or above the level of reporting



Analytical Results

Sub-Matrix: **WATER**

				Client sample ID	SITE A	SITE B	SITE D	SITE F	INFLOW
				Client sampling date / time	18-JAN-2008 15:00	18-JAN-2008 15:00	18-JAN-2008 15:00	18-JAN-2008 15:00	18-JAN-2008 15:00
Compound	CAS Number	LOR	Unit		ES0800836-001	ES0800836-002	ES0800836-003	ES0800836-004	ES0800836-005
EA005: pH									
pH Value	----	0.01	pH Unit		5.93	6.10	5.84	4.36	5.37
EA010P: Conductivity by PC Titrator									
Electrical Conductivity @ 25°C	----	1	µS/cm		60	75	62	67	53
EA025: Suspended Solids									
^ Suspended Solids (SS)	----	1	mg/L		6	6	142	25	11
EP020: Oil and Grease (O&G)									
Oil & Grease	----	5	mg/L		<5	<5	<5	7	6