

CERTIFICATE OF ANALYSIS

Work Order	: CA1501718	Page	: 1 of 2
Client	: Dr Roger Meischke	Laboratory	: ALS Water Resources Group
Contact	: Dr Roger Meischke	Contact	: Client Services
Address	: Strathallan Gundaroo NSW 2620	Address	: 16B Lithgow Street Fyshwick ACT Australia 2609
E-mail	: meischkr@bigpond.net.au	E-mail	: ecowisecustomerservice@alsglobal.com
Telephone	: 02 6236 8192	Telephone	: +61 2 6202 5404
Facsimile	: ----	Facsimile	:
Project	: Monitoring Bore	QC Level	: NEPM 2013 Schedule B(3) and ALS QCS3 requirement
Order number	: ----	Date Samples Received	: 07-May-2015 13:50
C-O-C number	: ----	Date Analysis Commenced	: 08-May-2015
Sampler	: Roger Meischke	Issue Date	: 15-May-2015 15:06
Site	: ----		
Quote number	: ----	No. of samples received	: 1
		No. of samples analysed	: 1

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results



NATA Accredited Laboratory 992

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>
Geetha Ramasundara	Teamleader Wet Chem	Inorganics
Namal Gamage	Technical Officer	Microbiology / Biology
Ramya Watawala	Quality Assurance Officer	Inorganics
Terry OBrien	Teamleader Nutrients	Inorganics



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 sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes.

Key : CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
 LOR = Limit of reporting
 ^ = This result is computed from individual analyte detections at or above the level of reporting
 ø = ALS is not NATA accredited for these tests.

Analytical Results

Sub-Matrix: **WATER**
 (Matrix: **WATER**)

Client sample ID

				Monitoring Bore	----	----	----	----
Client sampling date / time				07-May-2015 10:00	----	----	----	----
Compound	CAS Number	LOR	Unit	CA1501718-001	-----	-----	-----	-----
				Result	Result	Result	Result	Result
EA005: pH								
pH	----	0.01	pH Unit	7.67	----	----	----	----
EA010: Conductivity								
Electrical Conductivity @ 25°C	----	2	µS/cm	2360	----	----	----	----
EK057: Nitrite as N								
Nitrite as N	----	0.01	mg/L	<0.01	----	----	----	----
EK058: Nitrate as N								
[^] Nitrate as N	14797-55-8	0.01	mg/L	8.09	----	----	----	----
EK059: Nitrite plus Nitrate as N (NOx)								
Nitrite + Nitrate as N	----	0.05	mg/L	8.09	----	----	----	----
EP025: Oxygen - Dissolved (DO)								
Dissolved Oxygen	----	0.5	mg/L	8.5	----	----	----	----
EP026: Chemical Oxygen Demand (COD)								
Chemical Oxygen Demand	----	1	mg/L	13	----	----	----	----
EP030: Biochemical Oxygen Demand (BOD)								
Biochemical Oxygen Demand	----	2	mg/L	<2	----	----	----	----
MW006: Faecal coliforms & E. coli by MF								
Thermotolerant Faecal Coliforms (Presumptive)	----	1	CFU/100mL	<2	----	----	----	----
Thermotolerant Faecal Coliforms (Confirmed)	----	1	CFU/100mL	<2	----	----	----	----
E. coli (Confirmed)	----	1	CFU/100mL	<2	----	----	----	----