



Environmental

CERTIFICATE OF ANALYSIS

Work Order	: EW1303259	Page	: 1 of 3
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Project	: Helensburgh Pony Club Quarterly	QC Level	: NEPM 2013 Schedule B(3) and ALS QCS3 requirement
Order number	: 3015425	Date Samples Received	: 14-NOV-2013
C-O-C number	: ----	Issue Date	: 21-NOV-2013
Sampler	: Craig Wilson	No. of samples received	: 1
Site	: ----	No. of samples analysed	: 1
Quote number	: WL/001/11 Helensburgh Pony Club		

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

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.

Signatories	Position	Accreditation Category
Ashesh Patel	Inorganic Chemist	Sydney Inorganics
Celine Conceicao	Senior Spectroscopist	Sydney Inorganics
Glenn Davies	Environmental Services Representative	Laboratory - Wollongong
Hoa Nguyen	Senior Inorganic Chemist	Sydney Inorganics
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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 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

- **MW006 is ALS's internal code and is equivalent to AS4276.7.**
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Analytical Results

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

Client sample ID

SW Pony Club

Client sampling date / time

14-NOV-2013 11:50

Compound	CAS Number	LOR	Unit	EW1303259-001	----	----	----	----
EA015: Total Dissolved Solids								
Total Dissolved Solids @180°C	----	1	mg/L	598	----	----	----	----
ED093T: Total Major Cations								
Potassium	7440-09-7	1	mg/L	35	----	----	----	----
EK055G: Ammonia as N by Discrete Analyser								
Ammonia as N	7664-41-7	0.01	mg/L	11.4	----	----	----	----
EN67 PK: Field Tests								
pH	----	0.1	pH Unit	7.3	----	----	----	----
Electrical Conductivity (Non Compensated)	----	1	µS/cm	1070	----	----	----	----
Dissolved Oxygen	----	0.01	mg/L	5.03	----	----	----	----
Redox Potential	----	0.1	mV	-36.0	----	----	----	----
EP005: Total Organic Carbon (TOC)								
Total Organic Carbon	----	1	mg/L	51	----	----	----	----
MW006: Faecal Coliforms & E.coli by MF								
Faecal Coliforms	----	1	CFU/100mL	110	----	----	----	----