

CERTIFICATE OF ANALYSIS

Work Order : WN1603957

Client : OBERON COUNCIL

Contact : Mr Richard Robinson

Address : 137-139 OBERON STREET

OBERON NSW, AUSTRALIA 2787

Telephone : +61 02 6393 5000

 Project
 : ---

 Order number
 : 50859

 C-O-C number
 : ---

 Sampler
 : ---

Site : --Quote number : --No. of samples received : 4
No. of samples analysed : 4

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Laboratory : ALS Water - Newcastle

Contact : Andrea Swan

Address : 5/585 Maitland Road Newcastle West NSW Australia 2304

Telephone : +61 2 4014 2500

Date Samples Received : 08-Nov-2016 09:04

Date Analysis Commenced : 08-Nov-2016

Issue Date : 15-Nov-2016 15:24



This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QA/QC Compliance Assessment to assist with Quality Review and Sample Receipt Notification.

Signatories

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

Signatories Position Accreditation Category

Craig Glover Microbiological Supervisor Microbiology, Newcastle West, NSW Neil Martin Team Leader - Chemistry Chemistry, Newcastle West, NSW

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ALS

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.

Where a result is required to meet compliance limits the associated uncertainty must be considered. Refer to the ALS Contact for details.

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.
- ~ = Indicates an estimated value.
- EA005: Samples have been analysed outside recommended holding times and this must be taken into consideration when interpreting results.
- Samples not received in a suitable time frame to conduct the analysis EA005 within the recommended holding time.

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Analytical Results



