



Environmental

CERTIFICATE OF ANALYSIS

Work Order : **EW1400495**

Client : **WOLLONGONG CITY COUNCIL**

Contact : MR WAYDE PETERSON

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WOLLONGONG NSW, AUSTRALIA 2500

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Telephone : +61 02 4227 7111

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Project : Helensburgh Leachate Quarterly

Order number : 3015425

C-O-C number : ----

Sampler : Craig Wilson

Site : ----

Quote number : WL/001/11 Helensburgh Leachate Annual

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Laboratory : Environmental Division NSW South Coast

Contact : Glenn Davies

Address : 99 Kenny Street, Wollongong 2500
Unit 4 / 13 Geary Place, PO Box 3105, North Nowra 2541
AUSTRALIA

E-mail : glenn.davies@alsglobal.com

Telephone : 02 4225 3125

Facsimile : 02 4225 3128

QC Level : NEPM 2013 Schedule B(3) and ALS QCS3 requirement

Date Samples Received : 17-FEB-2014

Issue Date : 26-FEB-2014

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. 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
Glenn Davies	Environmental Services Representative	Laboratory - Wollongong

Address 99 Kenny Street, Wollongong 2500

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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.

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



Analytical Results

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

Client sample ID

Leachate	----	----	----	----
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Client sampling date / time

17-FEB-2014 08:50	----	----	----	----
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Compound	CAS Number	LOR	Unit	EW1400495-001	----	----	----	----
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EN67 PK: Field Tests

Electrical Conductivity (Non Compensated)	----	1	µS/cm	1430	----	----	----	----
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