

CERTIFICATE OF ANALYSIS

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: Environmental Division NSW South Coast

Work Order : EW1702290

Client : WINGECARRIBEE SHIRE COUNCIL Laboratory

Contact : MR CHRIS MURPHY Contact : Glenn Davies

Address : PO BOX 141 Address : 1/19 Ralph Black Dr, North Wollongong 2500

MOSSVALE NSW 4/13 Geary PI, North Nowra 2541

AUSTRALIA Australia NSW

Telephone : ---- Telephone : 02 42253125

Project : RRC Quarterly Date Samples Received : 24-May-2017 14:42

Order number : 00188154 Date Analysis Commenced : 24-May-2017

C-O-C number : ---- Issue Date : 31-May-2017 17:06

Sampler : Glenn Davies

Site : ----

No. of samples received

Quote number : WO/067/12

No. of samples analysed : 7

Accreditation No. 825
Accredited for compliance with ISO/IEC 17025 - Testing

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:

: 7

- 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

Ankit Joshi Inorganic Chemist Sydney Inorganics, Smithfield, NSW

Celine ConceicaoSenior SpectroscopistSydney Inorganics, Smithfield, NSWRobert DaLioSamplerLaboratory - Wollongong, NSW

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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 no sampling time is provided, the sampling time will default 00:00 on the date of sampling. If no sampling date is provided, the sampling date will be assumed by the laboratory and displayed in brackets without a time component.

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.
- EP030 : The residue DO for sample 7 is less than 1 mg/L, this indicates that the sample has not been diluted enough and the BOD is greater than 1070 mg/L. The result reported is estimated from the greatest dilution.
- TDS by method EA-015 may bias high for sample 7 due to the presence of fine particulate matter, which may pass through the prescribed GF/C paper.
- Sampling and sample data supplied by ALS Wollongong.
- Sampling completed as per FWI-EN001 Groundwater Sampling.
- Sampling completed as per FWI-EN002 Surface Water Sampling.
- Field tests completed on day of sampling/receipt.

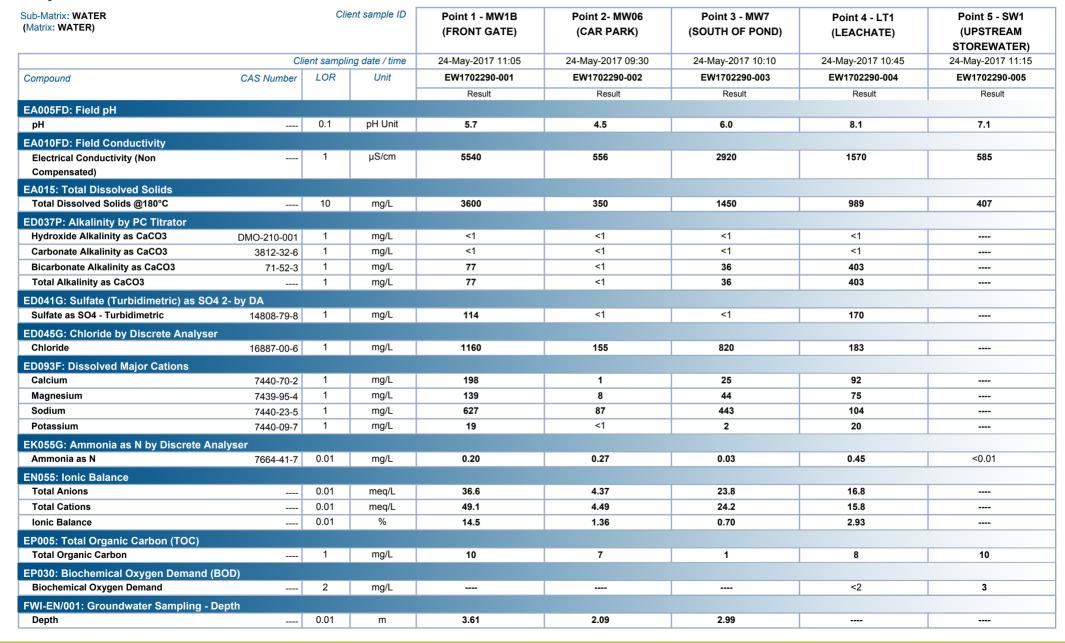


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Analytical Results





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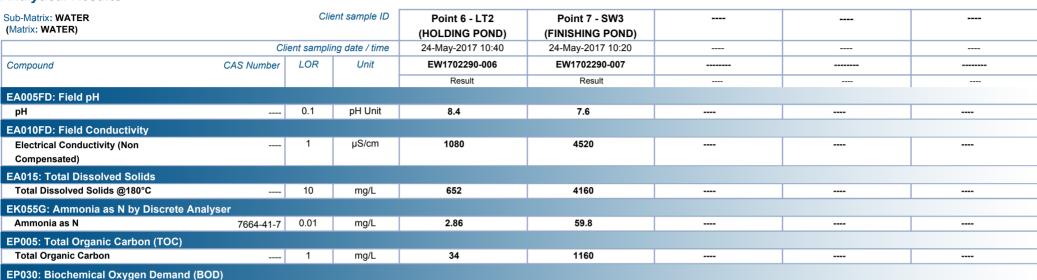
mg/L

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Project : RRC Quarterly

Biochemical Oxygen Demand

Analytical Results



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