



Certificate Of Analysis

Client: Richmond Valley Council

Address: Locked Bag 10
Casino NSW 2470

Contact: Aidan Macqueen

Sampled by: Client

Subcontract Laboratory: Envirolab (NATA2901)

Subcontract Reference: 211603

Analysis results apply to samples as received.

Final report

Raw and Finished Weekly

Report no: 19/0226

Date received: 12/02/2019

Testing commenced: 12/02/2019

Date reported: 25/02/2019

No. of samples: 2

Revision no: 00

| Sample No.: Sample description: | Unit | Method | LOR | 19/0226-1 RVC Finished Water 12/02/2019 11:30 | 19/0226-2 RVC Raw Water 12/02/2019 11:00 |
|------------------------------------|-------|------------|-------|--|--|
| pH | pH | APHA4500H | | 7.5 | 8.3 |
| Electrical Conductivity | µS/cm | APHA2510B | 1 | 480 | 387 |
| Total Dissolved Solids by calc | mg/L | APHA1030E | 2 | 307 | 248 |
| Dissolved Oxygen | mg/L | APHA4500OG | 0.2 | 7.7 | 6.5 |
| Fluoride - ISE | mg/L | APHA4500FC | 0.05 | 1.11 | [NA] |
| Colour (Apparent) | Pt-Co | RWL10.02 | 2 | <2 | 57 |
| Colour (True) | Pt-Co | RWL10.02 | 2 | <2 | 12 |
| Turbidity | NTU | APHA2130B | 0.1 | 0.15 | 6.1 |
| Alkalinity (as CaCO ₃) | mg/L | APHA2320B | 20 | 123 | 137 |
| Suspended Solids | mg/L | APHA2540D | 1 | 6 | 18 |
| Total Organic Carbon* | mg/L | Envirolab | 1 | 3 | 6 |
| Aluminium (Total) | mg/L | APHA3120B | 0.005 | 0.066 | 0.13 |
| Aluminium (Dissolved) | mg/L | APHA3120B | 0.005 | 0.061 | 0.022 |



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|------------------------------------|-----------|-----------|-------|--|--|
| Date sampled: | | | | | |
| Time sampled: | | | | | |
| Iron (Total) | mg/L | APHA3120B | 0.005 | <0.005 | 0.20 |
| Iron (Dissolved) | mg/L | APHA3120B | 0.005 | <0.005 | 0.009 |
| Manganese (Total) | mg/L | APHA3120B | 0.005 | 0.005 | 0.17 |
| Manganese (Dissolved) | mg/L | APHA3120B | 0.005 | <0.005 | <0.005 |
| Calcium | mg/L | APHA3120B | 0.1 | 27.3 | 27.5 |
| Magnesium | mg/L | APHA3120B | 0.1 | 16.9 | 16.9 |
| Hardness as CaCO ₃ | mg/L | APHA2340B | 1 | 138 | 138 |
| Total Coliforms | MPN/100mL | APHA9223B | 1 | <1 | >241,960 |
| <i>E.coli</i> | MPN/100mL | APHA9223B | 1 | <1 | 12 |
| Heterotrophic Plate Count | MPN/mL | APHA9215E | 2 | <2 | 50,700 |

General comments: This report must not be reproduced except in full. This report relates to items tested as specified herein.
Samples tested between date received and date reported. Accredited for compliance with ISO/IEC 17025.
NATA accreditation does not cover the performance of this service. Tests marked with * are subcontracted.
LOR denotes 'Limit of Reporting'

Specific comments:

V. Barnett
Laboratory Analyst
Approved Authoriser