



## Certificate Of Analysis

**Client:** Richmond Valley Council  
**Address:** Locked Bag 10  
 Casino NSW 2470  
**Contact:** Aidan Macqueen  
**Sampled by:** Gary Mead  
**Subcontract Laboratory:** Envirolab (NATA2901)  
**Subcontract Reference:** 213552  
*Analysis results apply to samples as received.*

Final report

**Report no:** 19/0438  
**Date received:** 12/03/2019  
**Testing commenced:** 12/03/2019  
**Date reported:** 25/03/2019  
**No. of samples:** 2  
**Revision no:** 00

Raw and Finished Weekly

| Sample No.:<br>Sample description:<br><br>Date sampled:<br>Time sampled: | Unit  | Method     | LOR   | 19/0438-1<br>RVC<br>Finished<br>Water<br>12/03/2019<br>11:30 | 19/0438-2<br>RVC Raw<br>Water<br>12/03/2019<br>11:00 |
|--|-------|------------|-------|--|--|
| pH   | pH    | APHA4500H  |       | 7.3  | 7.7  |
| Electrical Conductivity  | µS/cm | APHA2510B  | 1     | 477  | 383  |
| Total Dissolved Solids by calc   | mg/L  | APHA1030E  | 2     | 305  | 245  |
| Dissolved Oxygen   | mg/L  | APHA4500OG | 0.2   | 7.4  | 6.5  |
| Fluoride - ISE   | mg/L  | APHA4500FC | 0.05  | 1.21   | [NA]   |
| Colour (Apparent)  | Pt-Co | RWL10.02   | 2     | <2   | 61   |
| Colour (True)  | Pt-Co | RWL10.02   | 2     | <2   | 10   |
| Turbidity  | NTU   | APHA2130B  | 0.1   | 0.12   | 7.1  |
| Alkalinity (as CaCO <sub>3</sub> )                                       | mg/L  | APHA2320B  | 20    | 120  | 139  |
| Suspended Solids   | mg/L  | APHA2540D  | 1     | 3  | 11   |
| Total Organic Carbon*  | mg/L  | Envirolab  | 1     | 3  | 5  |
| Aluminium (Total)  | mg/L  | APHA3120B  | 0.005 | 0.069  | 0.14   |
| Aluminium (Dissolved)  | mg/L  | APHA3120B  | 0.005 | 0.066  | 0.016  |



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|------------------------------------|-----------|-----------|-------|--|--|
| Iron (Total)                       | mg/L      | APHA3120B | 0.005 | <0.005   | 0.30   |
| Iron (Dissolved)                   | mg/L      | APHA3120B | 0.005 | <0.005   | 0.007  |
| Manganese (Total)                  | mg/L      | APHA3120B | 0.005 | <0.005   | 0.22   |
| Manganese (Dissolved)              | mg/L      | APHA3120B | 0.005 | <0.005   | 0.006  |
| Calcium                            | mg/L      | APHA3120B | 0.1   | 28.1   | 27.2   |
| Magnesium                          | mg/L      | APHA3120B | 0.1   | 17.0   | 16.5   |
| Hardness as CaCO <sub>3</sub>      | mg/L      | APHA2340B | 1     | 140  | 136  |
| Total Coliforms                    | MPN/100mL | APHA9223B | 1     | <1   | 15,650   |
| <i>E.coli</i>                      | MPN/100mL | APHA9223B | 1     | <1   | 9  |
| Heterotrophic Plate Count          | MPN/mL    | APHA9215E | 2     | <2   | 24,000   |

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