

## Certificate Of Analysis

**Client:** Richmond Valley Council  
**Address:** Locked Bag 10  
Casino NSW 2470

Final report

**Report no:** 22/1177  
**Date received:** 28/09/2022  
**Testing commenced:** 28/09/2022

**Contact:** Sandeep Chugh  
**Sampled by:** Serena Tomkins  
**Subcontract Laboratory:** NSW DPI (NATA 14173)  
**Subcontract Reference:** WN221804  
*Analysis results apply to samples as received.*

Raw and Finished Weekly

**Date reported:** 21/10/2022  
**No. of samples:** 2  
**Revision no:** 01

| Sample No.:<br>Sample description: | Unit      | LOR   | 22/1177-1<br>RVC<br>Finished<br>Water<br>28/09/2022<br>12:07 | 22/1177-2<br>RVC Raw<br>Water<br>28/09/2022<br>11:40 |
|------------------------------------|-----------|-------|--|--|
| DPI - Alkalinity*                  | mg/L      | 14    | 92   | 99   |
| DPI - Aluminium (Dissolved)*       | mg/L      | 0.001 | 0.018  | 0.280  |
| DPI - Aluminium (Total)*           | mg/L      | 0.001 | 0.020  | 4.5  |
| DPI - Calcium*                     | mg/L      | 0.03  | 20   | 16   |
| DPI - Colour Apparent*             | CU        | 1     | 2  | 393  |
| DPI - Colour True*                 | CU        | 1     | 1  | 32   |
| DPI - E-Coli*                      | MPN/100ml | 1     | <1   | 920  |
| DPI - Electrical Conductivity*     | µS/cm     | 10    | 380  | 270  |
| DPI - Fluoride*                    | mg/L      | 0.2   | 0.83   | [NA]   |
| DPI - Hardness*                    | mg/L      | 1.0   | 96   | 91   |
| HPC*                               | MPN/100ml | 2     | <2   | 7,300  |

## Certificate Of Analysis

**Client:** Richmond Valley Council

**Report no:** 22/1177

| Sample No.:<br>Sample description: | Unit      | LOR    | 22/1177-1<br>RVC<br>Finished<br>Water<br>28/09/2022<br>12:07 | 22/1177-2<br>RVC Raw<br>Water<br>28/09/2022<br>11:40 |
|------------------------------------|-----------|--------|--|--|
| DPI - Iron (Dissolved)*            | mg/L      |        | 0.002  | 0.33   |
| DPI - Iron (Total)*                | mg/L      | 0.005  | <0.005   | 5.2  |
| DPI - Magnesium*                   | mg/L      | 0.01   | 11   | 13   |
| DPI - Manganese (Dissolved)*       | mg/L      | 0.0005 | 0.002  | 0.005  |
| DPI - Manganese (Total)*           | mg/L      | 0.0005 | 0.005  | 0.11   |
| DPI - pH*                          |           |        | 7.6  | 7.7  |
| DPI - Suspended Solids*            | mg/L      | 1      | <1.0   | 60   |
| DPI - Total Coliforms*             | MPN/100ml | 1      | <1   | 11,000   |
| DPI - TDS by calc*                 | mg/L      | 6      | 250  | 180  |
| DPI - Total Organic Carbon*        | mg/L      | 0.2    | 1.6  | 4.7  |
| DPI - Turbidity*                   | NTU       | 0.07   | 0.43   | 60   |

**End of results**

**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 - Testing

# NATA accreditation does not cover the performance of this service. Tests marked with \* are subcontracted.

LOR denotes 'Limit of Reporting' < denotes less than; > denotes greater than; ND denotes 'not detected'

The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards

**Specific comments:** This is the final report that supersedes the preliminary report. Fluoride results rerun.



V. Barnett  
Laboratory Analyst  
Approved Authoriser