

REPORT NO: WN240412

## Water Analysis Report

**REPORT NO:** WN240412 **ISSUE DATE:** 5/03/24

**DATE SAMPLES RECEIVED:** 27/02/24 **PURCHASE ORDER:**  
**SAMPLES RECEIVED:** 9 **COMMENT:** Results relate only to items tested.

**SUBMITTER:** David Cash  
**COMPANY:** Richmond Valley Council  
**ADDRESS:** Locked Bag 10  
CASINO  
NSW 2470,

| METHOD ID | ANALYSIS METHOD  |
|-----------|--|
| W107      | EC, pH, Alkalinity & Chloride in water by autotitrator |
| W112      | Turbidity of water                                     |
| M671      | Elements and Metals by ICP-MS                          |

### REPORT AUTHORISATION

Approved for Release by:   
Sarah Morison  
Coordinator Analytical Services



Accreditation No. 14173  
Accredited for compliance  
with ISO/IEC 17025 - Testing



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| ANALYSIS RESULTS              |        |          |                         |                              |                             |                   |                 |                      |                          |                      |                      |
|-------------------------------|--------|----------|-------------------------|------------------------------|-----------------------------|-------------------|-----------------|----------------------|--------------------------|----------------------|----------------------|
|                               |        |          | 1                       | 2                            | 3                           | 4                 | 5               | 6                    | 7                        | 8                    | 9                    |
| Test Description              | LOR    | UNITS    | Woodburn Riverside Park | Rileys Hill Community Centre | Broadwater Community Centre | Evans Head School | Evans High Zone | Coraki Memorial Park | Casino 15-17 Sheppard St | Casino Council Depot | Casino Walker Street |
| Date Sampled                  |        | Date     | 27/02/24                | 27/02/24                     | 27/02/24                    | 27/02/24          | 27/02/24        | 27/02/24             | 27/02/24                 | 27/02/24             | 27/02/24             |
| Sampled By                    |        |          | MW                      | MW                           | MW                          | MW                | MW              | MW                   | MW                       | MW                   | MW                   |
| Time Sampled                  |        | Time     | 7:25AM                  | 7:40AM                       | 7:50AM                      | 8:10AM            | 8:20AM          | 9:45 AM              | 11:00AM                  | 10:40AM              | 10:25AM              |
| Field Total Chlorine**        | 0.05   | mg/L     | 0.84                    | 0.66                         | 0.77                        | 0.85              | 0.41            | 0.88                 | 0.87                     | 0.76                 | 0.94                 |
| Field Free Chlorine**         | 0.05   | mg/L     | 0.69                    | 0.46                         | 0.57                        | 0.67              | 0.25            | 0.62                 | 0.76                     | 0.49                 | 0.51                 |
| Field pH**                    | 1      | pH units | 6.9                     | 6.8                          | 6.9                         | 7.2               | 7.1             | 7.3                  | 7.1                      | 7.1                  | 7.2                  |
| Field Temperature**           | 1      | °C       | 26.7                    | 26.9                         | 24.6                        | 27.6              | 25.8            | 26.7                 | 28.5                     | 27.5                 | 28.5                 |
| Field Turbidity**             | 0.07   | NTU      | 0.35                    | 0.38                         | 0.40                        | 0.29              | 0.35            | 0.38                 | 0.52                     | 0.50                 | 0.32                 |
| Field Dissolved Oxygen** in % | 1      | %        | 100                     | 101                          | 101                         | 100               | 101             | 100                  | 99                       | 100                  | 100                  |
| Total Iron                    | 0.005  | mg/L     |                         |                              |                             |                   |                 |                      | 0.0081                   | 0.013                | <0.0050              |
| Total Manganese               | 0.0005 | mg/L     |                         |                              |                             |                   |                 |                      | 0.020                    | 0.036                | 0.0060               |

## LABORATORY NOTES

**\*\*NATA Accreditation does not cover the performances of this service.**

- Analysis is conducted within the date received and the date the report is finalised.
- Results are expressed on an 'as received' basis unless otherwise stated.
- This report should not be reproduced except in full.
- Samples will be retained for 10 working days from the date of the final report and then discarded.
- Clients wishing to recover their samples must contact the laboratory within this period.
- Sample return is at the clients expense.
- Results for elements analysed by ICP are reported in mg/L for ICP-OES and low level analysis in ug/L for ICP-MS