

REPORT NO: WN240788

Water Analysis Report


REPORT NO: WN240788 **ISSUE DATE:** 3/05/24

DATE SAMPLES RECEIVED: 16/04/24 **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: 
Steven Leahy
Chemist



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



Wollongbar Agricultural Institute (WWAI)
1243 Bruxner Hwy
Wollongbar NSW 2477
T: 02 6828 1103
E: wollongbar.csu@dpi.nsw.gov.au
W: www.dpi.nsw.gov.au

| 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 | Box Ridge | Casino Sextonville Rd | Casino Walker Street |
| Date Sampled | | Date | 16/04/24 | 16/04/24 | 16/04/24 | 16/04/24 | 16/04/24 | 16/04/24 | 16/04/24 | 16/04/24 | 16/04/24 |
| Sampled By | | | MW | MW | MW | MW | MW | MW | MW | MW | MW |
| Time Sampled | | Time | 7:35:00 AM | 7:45 AM | 7:55:00 AM | 8:10 AM | 8:30 AM | 9:50 AM | 10:05 AM | 10:40 AM | 10:55 AM |
| Field Total Chlorine** | 0.05 | mg/L | 0.71 | 0.79 | 0.79 | 0.61 | 0.25 | 0.61 | 0.59 | 0.60 | 1.2 |
| Field Free Chlorine** | 0.05 | mg/L | 0.58 | 0.64 | 0.61 | 0.47 | 0.23 | 0.38 | 0.52 | 0.43 | 0.88 |
| Field pH** | 1 | pH units | 7.8 | 7.8 | 7.9 | 7.6 | 8.0 | 7.7 | 7.7 | 7.4 | 7.4 |
| Field Temperature** | 1 | °C | 24.0 | 23.5 | 23.1 | 22.7 | 23.1 | 26.0 | 24.8 | 26.3 | 24.5 |
| Field Turbidity** | 0.07 | NTU | 0.30 | 0.20 | 0.22 | 0.25 | 0.27 | 0.35 | 0.26 | 0.35 | 0.37 |
| Field Dissolved Oxygen** in % | 1 | % | 100 | 102 | 100 | 101 | 100 | 101 | 100 | 101 | 102 |
| Total Iron | 0.005 | mg/L | | | | | | | | 0.0054 | 0.0083 |
| Total Manganese | 0.0005 | mg/L | | | | | | | | 0.0090 | 0.015 |

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