

REPORT NO: WN231555

Water Analysis Report


REPORT NO: WN231555 **ISSUE DATE:** 23/08/23

DATE SAMPLES RECEIVED: 15/08/23 **PURCHASE ORDER:**
SAMPLES RECEIVED: 8 **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

| ANALYSIS RESULTS | | | | | | | | | | |
|-------------------------------|--------|----------|-------------------------|-----------------------------|------------------------------|-------------------|-----------------|----------------------|-----------------------|----------------------|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Test Description | LOR | UNITS | Woodburn Riverside Park | Broadwater Community Centre | Rileys Hill Community Centre | Evans Head School | Evans High Zone | Coraki Memorial Park | Casino Sextonville Rd | Casino Walker Street |
| Date Sampled | | Date | 15.8.23 | 15.8.23 | 15.8.23 | 15.8.23 | 15.8.23 | 15.8.23 | 15.8.23 | 15.8.23 |
| Sampled By | | | MW | MW | MW | MW | MW | MW | MW | MW |
| Time Sampled | | Time | 8:05 AM | 8:35 AM | 8:25 AM | 8:55 AM | 9:05 AM | 10:25 AM | 10:55 AM | 11:10 AM |
| Field Total Chlorine** | 0.05 | mg/L | 1.1 | 1.3 | 1.2 | 0.99 | 0.92 | 0.85 | 1.2 | 1.3 |
| Field Free Chlorine** | 0.05 | mg/L | 0.96 | 1.1 | 1.2 | 0.77 | 0.78 | 0.59 | 0.94 | 1.0 |
| Field pH** | 1 | pH units | 7.6 | 7.6 | 7.5 | 7.6 | 7.6 | 8.2 | 7.9 | 7.9 |
| Field Temperature** | 1 | °C | 17.7 | 17.6 | 17.8 | 18.8 | 18.4 | 20.6 | 19.8 | 19.5 |
| Field Turbidity** | 0.07 | NTU | 0.24 | 0.15 | 0.22 | 0.22 | 0.21 | 0.31 | 0.34 | 0.22 |
| Field Dissolved Oxygen** in % | 1 | % | 98 | 96 | 98 | 99 | 98 | 102 | 101 | 96 |
| Total Iron | 0.005 | mg/L | | | | | | | 0.0091 | <0.0050 |
| Total Manganese | 0.0005 | mg/L | | | | | | | 0.0070 | <0.00050 |

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 one calendar month 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