

# COFFS HARBOUR LABORATORY

## Environmental Analysis

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NAMBUCCA VALLEY COUNCIL  
VIPULINARANGODA  
44 PRINCESS STREET  
MACKSVILLE NSW 2447

BATCHNUMBER: 23/2125  
No. of SAMPLES: 4  
DATE COLLECTED: 04/10/23  
DATE RECEIVED: 04/10/23  
TIME RECEIVED: 11:25  
DATE TESTING COMMENCED:  
04/10/23

### REPORT OF ANALYSIS

| SAMPLE REFERENCE | SAMPLE DESCRIPTION      |
|------------------|-------------------------|
| 23/2125/1        | SITE 1 LANES BRIDGE     |
| 23/2125/2        | SITE 2 TAYLORS ARM      |
| 23/2125/3        | SITE 3 MACKSVILLE JETTY |
| 23/2125/4        | SITE 4 NURSERY RD       |

| ANALYSIS                     | UNITS     | 23/2125/1 | 23/2125/2 | 23/2125/3 | 23/2125/4 | METHOD NO       |
|------------------------------|-----------|-----------|-----------|-----------|-----------|-----------------|
| Total Suspended Solids       | mg/L      | 4         | 19        | 17        | 12        | APHA 2540 D     |
| Biochem Oxygen Demand (BOD5) | mg/L      | <2        | <2        | 2         | <2        | APHA 5210 B     |
| Oil & Grease                 | mg/L      | <2        | <2        | <2        | <2        | EL23A           |
| Total Nitrogen               | mg/L      | 0.24      | 0.31      | 0.38      | 0.36      | EL30F           |
| Total Phosphorus             | mg/L      | <0.03     | <0.03     | 0.05      | <0.03     | EL18F           |
| Nitrite Nitrogen             | mg/L      | <0.02     | <0.02     | <0.02     | <0.02     | EL14F           |
| Nitrate Nitrogen             | mg/L      | 0.06      | <0.02     | <0.02     | <0.02     | EL15F           |
| Oxidized Nitrogen            | mg/L      | 0.06      | <0.02     | <0.02     | <0.02     | EL14F and EL15F |
| Thermotolerant Coliforms     | cfu/100mL | 25        | 9         | 6         | 3         | ELM 3           |
| E.coli                       | mpn/100mL | 46        | 20        | 31        | <10       | APHA 9223       |

#### Comments

Sample(s) collected by client and analysed as received in accordance with "Standard Methods for the Examination of Water & Wastewater", 24th Edition, 2022, APHA. Raw data sheets stating analysis dates are available upon request.

Tests marked with '#' are not covered by NATA Accreditation.

Note: Microbiological results are presumptive.

Measurement Uncertainty is available upon request.

Report Date: 16/10/23



Accredited for compliance with ISO/IEC 17025 - Testing  
[Accreditation Numbers: 12359 (Chemical) & 14565 (Microbiological)]

Approved:

Shane Ewart  
Technical Supervisor  
Microbiology and Chemistry

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