

# COFFS HARBOUR LABORATORY

## Environmental Analysis

Page 1 of 2



GALINTEL  
BRENDAN COOPER  
P. O. BOX 396  
COFFS HARBOUR NSW 2450

BATCHNUMBER: 21/2137  
No. of SAMPLES: 2  
DATE COLLECTED: 30/09/21  
DATE RECEIVED: 01/10/21  
TIME RECEIVED: 10:53  
DATE TESTING COMMENCED:  
01/10/21

### REPORT OF ANALYSIS

| SAMPLE REFERENCE | SAMPLE DESCRIPTION |
|------------------|--------------------|
| 21/2137/1        | P1 (30/09/21)      |
| 21/2137/2        | P8 (30/09/21)      |

| ANALYSIS               | UNITS   | 21/2137/1 | 21/2137/2 |  | METHOD NO     |
|------------------------|---------|-----------|-----------|--|---------------|
| Barium - Filtered #    | mg/L    | 0.021     | 0.032     |  | EL9A          |
| Cadmium                | mg/L    | <0.002    | <0.002    |  | EL9A          |
| Cadmium - Filtered     | mg/L    | <0.002    | <0.002    |  | EL9A          |
| Chromium               | mg/L    | 0.14      | 0.023     |  | EL9A          |
| Chromium Trivalent     | mg/L    | 0.14      | 0.012     |  | EL9A          |
| Chromium - Hexavalent* | mg/L    | <0.001    | 0.011     |  | NW_D2         |
| Cobalt#                | mg/L    | <0.005    | <0.005    |  | EL9A          |
| Cobalt - Filtered #    | mg/L    | <0.005    | <0.005    |  | EL9A          |
| Copper                 | mg/L    | 0.11      | 0.10      |  | EL9A          |
| Copper - Filtered      | mg/L    | 0.017     | 0.059     |  | EL9A          |
| Iron                   | mg/L    | 7.26      | 1.37      |  | EL9A          |
| Iron - Filtered        | mg/L    | <0.003    | 0.034     |  | EL9A          |
| Lead                   | mg/L    | 0.087     | 0.030     |  | EL9A          |
| Lead - Filtered        | mg/L    | <0.010    | <0.010    |  | EL9A          |
| Manganese              | mg/L    | 0.28      | 0.043     |  | EL9A          |
| Manganese - Filtered   | mg/L    | 0.24      | 0.020     |  | EL9A          |
| Nickel                 | mg/L    | 0.009     | <0.005    |  | EL9A          |
| Nickel - Filtered      | mg/L    | 0.007     | <0.005    |  | EL9A          |
| Zinc                   | mg/L    | 21.7      | 1.76      |  | EL9A          |
| Zinc - Filtered        | mg/L    | 17.5      | 1.24      |  | EL9A          |
| Silver - Filtered*     | ug/L    | <1        | <1        |  | NT2_47        |
| pH                     | pH unit | 6.6       | 7.4       |  | APHA 4500-H+B |



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

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

| ANALYSIS               | UNITS | 21/2137/1 | 21/2137/2 |  |  | METHODNO    |
|------------------------|-------|-----------|-----------|--|--|-------------|
| Total Suspended Solids | mg/L  | 48        | 29        |  |  | APHA 2540 D |

**Comments**

Sample(s) collected by client and analysed as received in accordance with "Standard Methods for the Examination of Water & Wastewater", 23rd Edition, 2017, APHA. Raw data sheets stating analysis dates are available upon request.

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

Note: Microbiological results are membrane presumptive.

Measurement Uncertainty is available upon request.

\*Analysis conducted by a subcontracted laboratory (NATA Accreditation Number 198) RN1331624.

Report Date: 20/10/21



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