

Cootamundra Gundagai Regional Council

Tuesday, August 10, 2021

PO Box 420

Cootamundra NSW 2590

Attention: Andrew Brock



NATA Accredited Laboratory
Number: 9597

Accredited for compliance with
ISO/IEC 17025 - Testing

LABORATORY ANALYSIS REPORT

Report Number: 2107-0060

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For all enquiries related to this report please quote document number: 2107-0060

| <u>Facility:</u> | <u>Order #</u> | <u>Date Analysis Commenced</u> | | | |
|--------------------|---|--------------------------------|-----------------------|-------------------------|---------------------------|
| | | 15-July-2021 | | | |
| <u>Sample Type</u> | <u>Collected By</u> | <u>Date Received</u> | | | |
| Surface Water | G. Finucane | 15-July-2021 | | | |
| <u>EAL ID</u> | <u>Client ID.</u> Date/Time sample taken | <u>Test</u> | <u>Result (units)</u> | <u>Method Reference</u> | <u>Limit of Reporting</u> |
| 21Jul-0199 | Mitchell Park (P3) 13.07.21 7.40am | Ammonia as N | 1.0 mg/L | LTM-W-042 | 0.1 |
| | | Biochemical Oxygen Demand | 6 mg/L | APHA 5210 B/4500-O G | 2 |
| | | Faecal coliforms | 74 cfu/100mL | * AS/NZS 4276.7:2007 | |
| | | Conductivity | 270 µS/cm | APHA 2510 B | 1 |
| | | Nitrate as N | <0.1 mg/L | LTM-W-022 | 0.1 |
| | | Phosphorus, Total | 1.16 mg/L | LTM-W-030 | 0.01 |
| | | pH | 7.0 pH units | APHA 4500-H+ B | |
| | | Total Kjeldahl Nitrogen | 5 mg/L | LTM-W-034 | 2 |
| 21Jul-0200 | Albert Park (P4) 13.07.21 7.50am | Ammonia as N | <0.1 mg/L | LTM-W-042 | 0.1 |
| | | Biochemical Oxygen Demand | 6 mg/L | APHA 5210 B/4500-O G | 2 |
| | | Faecal coliforms | <1 cfu/100mL | * AS/NZS 4276.7:2007 | |
| | | Conductivity | 232 µS/cm | APHA 2510 B | 1 |
| | | Nitrate as N | 1.8 mg/L | LTM-W-022 | 0.1 |
| | | Phosphorus, Total | 0.56 mg/L | LTM-W-030 | 0.01 |
| | | pH | 7.1 pH units | APHA 4500-H+ B | |
| | | Total Kjeldahl Nitrogen | 3 mg/L | LTM-W-034 | 2 |
| 21Jul-0201 | Clarke Oval (P6) 13.07.21 8.10am | Ammonia as N | <0.1 mg/L | LTM-W-042 | 0.1 |
| | | Biochemical Oxygen Demand | 196 mg/L | APHA 5210 B/4500-O G | 2 |
| | | Faecal coliforms | 12 cfu/100mL | * AS/NZS 4276.7:2007 | |

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| <u>EAL ID</u> | <u>Client ID.</u> Date/Time sample taken | <u>Test</u> | <u>Result (units)</u> | <u>Method Reference</u> | <u>Limit of Reporting</u> |
| 21Jul-0201 | Clarke Oval (P6) 13.07.21 8.10am | Conductivity | 3430 µS/cm | APHA 2510 B | 1 |
| | | Nitrate as N | <0.1 mg/L | LTM-W-022 | 0.1 |
| | | Phosphorus, Total | 6.10 mg/L | LTM-W-030 | 0.05 |
| | | pH | 7.6 pH units | APHA 4500-H+ B | |
| | | Total Kjeldahl Nitrogen | 74 mg/L | LTM-W-034 | 2 |
| 21Jul-0202 | Fisher Park (P7) 13.07.21 8.25am | Ammonia as N | <0.1 mg/L | LTM-W-042 | 0.1 |
| | | Biochemical Oxygen Demand | 163 mg/L | APHA 5210 B/4500-O G | 2 |
| | | Faecal coliforms | 6 cfu/100mL | * AS/NZS 4276.7:2007 | |
| | | Conductivity | 516 µS/cm | APHA 2510 B | 1 |
| | | Nitrate as N | 0.8 mg/L | LTM-W-022 | 0.1 |
| | | Phosphorus, Total | 1.30 mg/L | LTM-W-030 | 0.01 |
| | | pH | 7.5 pH units | APHA 4500-H+ B | |
| | | Total Kjeldahl Nitrogen | 2 mg/L | LTM-W-034 | 2 |
| 21Jul-0203 | Bradman (P8) 13.07.21 8.45am | Ammonia as N | <0.1 mg/L | LTM-W-042 | 0.1 |
| | | Biochemical Oxygen Demand | 9 mg/L | APHA 5210 B/4500-O G | 2 |
| | | Faecal coliforms | 2 cfu/100mL | * AS/NZS 4276.7:2007 | |
| | | Conductivity | 414 µS/cm | APHA 2510 B | 1 |
| | | Nitrate as N | 0.2 mg/L | LTM-W-022 | 0.1 |
| | | Phosphorus, Total | 0.24 mg/L | LTM-W-030 | 0.01 |

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| 21Jul-0203 | Bradman (P8) 13.07.21 8.45am | pH | 7.5 pH units | APHA 4500-H+ B | |
| | | Total Kjeldahl Nitrogen | 4 mg/L | LTM-W-034 | 2 |
| 21Jul-0204 | Country Club Oval (P11) 13.07.21 9.00am | Ammonia as N | <0.1 mg/L | LTM-W-042 | 0.1 |
| | | Biochemical Oxygen Demand | <2 mg/L | APHA 5210 B/4500-O G | 2 |
| | | Faecal coliforms | <1 cfu/100mL | * AS/NZS 4276.7:2007 | |
| | | Conductivity | 7980 µS/cm | APHA 2510 B | 1 |
| | | Nitrate as N | <0.1 mg/L | LTM-W-022 | 0.1 |
| | | Phosphorus, Total | <0.01 mg/L | LTM-W-030 | 0.01 |
| | | pH | 7.0 pH units | APHA 4500-H+ B | |
| | | Total Kjeldahl Nitrogen | <2 mg/L | LTM-W-034 | 2 |
| 21Jul-0205 | Cootamundra High School (P14) 13.07.21 7.15am | Ammonia as N | 65 mg/L | LTM-W-042 | 3 |
| | | Biochemical Oxygen Demand | 130 mg/L | APHA 5210 B/4500-O G | 2 |
| | | Faecal coliforms | 24000 cfu/100mL | * AS/NZS 4276.7:2007 | |
| | | Conductivity | 2880 µS/cm | APHA 2510 B | 1 |
| | | Nitrate as N | <0.1 mg/L | LTM-W-022 | 0.1 |
| | | Phosphorus, Total | 16.6 mg/L | LTM-W-030 | 0.05 |
| | | pH | 7.2 pH units | APHA 4500-H+ B | |
| | | Total Kjeldahl Nitrogen | 146 mg/L | LTM-W-034 | 2 |

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|---------------|--|---------------------------|-----------------------|-------------------------|---------------------------|
| 21Jul-0206 | Cootamundra Public School (P15) 13.07.21 7.30am | Ammonia as N | 28 mg/L | LTM-W-042 | 3 |
| | | Biochemical Oxygen Demand | 12 mg/L | APHA 5210 B/4500-O G | 2 |
| | | Faecal coliforms | 889 cfu/100mL | * AS/NZS 4276.7:2007 | |
| | | Conductivity | 4590 µS/cm | APHA 2510 B | 1 |
| | | Nitrate as N | <0.1 mg/L | LTM-W-022 | 0.1 |
| | | Phosphorus, Total | 4.73 mg/L | LTM-W-030 | 0.01 |
| | | pH | 8.3 pH units | APHA 4500-H+ B | |
| | | Total Kjeldahl Nitrogen | 38 mg/L | LTM-W-034 | 2 |

Note:

* NATA Accreditation does not cover the performance of this service.



Signed Michael Glazier, Laboratory Manager.

All samples analysed as received.
All soil results are reported on a dry basis.
The EAL takes no responsibility for the end use of results within this report.
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