

Cootamundra Gundagai Regional Council

Wednesday, November 6, 2024

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: 2410-0072

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<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		24-October-2024
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Surface Water	J. Turner	24-October-2024

<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>
24Oct-0138	Mitchell Park 22.10.24 11.20am	Ammonia as N	1.2 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	11 mg/L	APHA 5210 B/4500-O G	2
		Thermotolerant Faecal Coliforms	8 CFU/100mL	* AS/NZS 4276.5:2019	1
		Conductivity	6240 µS/cm	APHA 2510 B	1
		Nitrate as N	0.3 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.55 mg/L	LTM-W-030	0.01
		pH	7.1 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	4 mg/L	LTM-W-034	2
24Oct-0139	Albert Park 22.10.24 11.20am	Ammonia as N	0.2 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	<2 mg/L	APHA 5210 B/4500-O G	2
		Thermotolerant Faecal Coliforms	25 CFU/100mL	* AS/NZS 4276.5:2019	1
		Conductivity	3220 µS/cm	APHA 2510 B	1
		Nitrate as N	0.4 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.17 mg/L	LTM-W-030	0.01
		pH	7.2 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	2 mg/L	LTM-W-034	2
24Oct-0140	Clarke Oval 22.10.24 11.35am	Ammonia as N	2.2 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	8 mg/L	APHA 5210 B/4500-O G	2
		Thermotolerant Faecal Coliforms	77 CFU/100mL	* AS/NZS 4276.5:2019	1

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24Oct-0140	Clarke Oval 22.10.24 11.35am	Conductivity	3780 µS/cm	APHA 2510 B	1
		Nitrate as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.49 mg/L	LTM-W-030	0.01
		pH	7.4 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	7 mg/L	LTM-W-034	2
24Oct-0141	Fisher Park 22.10.24 11.45am	Ammonia as N	0.6 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	<2 mg/L	APHA 5210 B/4500-O G	2
		Thermotolerant Faecal Coliforms	9 CFU/100mL	* AS/NZS 4276.5:2019	1
		Conductivity	10800 µS/cm	APHA 2510 B	1
		Nitrate as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.18 mg/L	LTM-W-030	0.01
		pH	7.4 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	2 mg/L	LTM-W-034	2
24Oct-0142	Bradman Oval 22.10.24 11.30am	Ammonia as N	0.4 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	<2 mg/L	APHA 5210 B/4500-O G	2
		Thermotolerant Faecal Coliforms	8 CFU/100mL	* AS/NZS 4276.5:2019	1
		Conductivity	9000 µS/cm	APHA 2510 B	1
		Nitrate as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.07 mg/L	LTM-W-030	0.01

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24Oct-0142	Bradman Oval 22.10.24 11.30am	pH	7.5 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	<2 mg/L	LTM-W-034	2
24Oct-0143	Cameron Square 22.10.24 12.00pm	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
		Thermotolerant Faecal Coliforms	7 CFU/100mL	* AS/NZS 4276.5:2019	1
		Conductivity	2020 µS/cm	APHA 2510 B	1
		Nitrate as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.22 mg/L	LTM-W-030	0.01
		pH	7.4 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	5 mg/L	LTM-W-034	2
24Oct-0144	Country Club Oval 22.10.24 11.30am	Ammonia as N	<0.1 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	3 mg/L	APHA 5210 B/4500-O G	2
		Thermotolerant Faecal Coliforms	<1 CFU/100mL	* AS/NZS 4276.5:2019	1
		Conductivity	7820 µS/cm	APHA 2510 B	1
		Nitrate as N	<0.1 mg/L	LTM-W-014	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

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24Oct-0145	EA Southee School 22.10.24 11.10am	Ammonia as N	1.4 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	14 mg/L	APHA 5210 B/4500-O G	2
		Thermotolerant Faecal Coliforms	4 CFU/100mL	* AS/NZS 4276.5:2019	1
		Conductivity	18300 µS/cm	APHA 2510 B	1
		Nitrate as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.18 mg/L	LTM-W-030	0.01
		pH	6.9 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	4 mg/L	LTM-W-034	2
24Oct-0146	Cootamundra High School 22.10.24 11.10am	Ammonia as N	1.2 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	16 mg/L	APHA 5210 B/4500-O G	2
		Thermotolerant Faecal Coliforms	33 CFU/100mL	* AS/NZS 4276.5:2019	1
		Conductivity	5500 µS/cm	APHA 2510 B	1
		Nitrate as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.22 mg/L	LTM-W-030	0.01
		pH	6.9 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	2 mg/L	LTM-W-034	2
24Oct-0147	Cootamundra Public School 22.10.24 12.10pm	Ammonia as N	0.2 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	36 mg/L	APHA 5210 B/4500-O G	2
		Thermotolerant Faecal Coliforms	5 CFU/100mL	* AS/NZS 4276.5:2019	1



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24Oct-0147	Cootamundra Public School 22.10.24 12.10pm	Conductivity	3190 µS/cm	APHA 2510 B	1
		Nitrate as N	0.4 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.15 mg/L	LTM-W-030	0.01
		pH	7.1 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	2 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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