

Cootamundra Gundagai Regional Council

Monday, June 10, 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:2404-0079

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For all enquiries related to this report please quote document number: 2404-0079

<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		19-April-2024
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Surface Water	J. Turner	19-April-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>
24Apr-0228	Mitchell Park 17.04.24 10.47am	Ammonia as N	2.0 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	20 mg/L	APHA 5210 B/4500-O G	2
		Thermotolerant Faecal Coliforms	5 CFU/100mL	* AS/NZS 4276.5:2019	1
		Conductivity	4620 µS/cm	APHA 2510 B	1
		Nitrate as N	0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.99 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
24Apr-0229	Albert Park 17.04.24 10.30am	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	4590 µS/cm	APHA 2510 B	1
		Nitrate as N	0.4 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.10 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
24Apr-0230	Clarke Oval 17.04.24 11.15am	Ammonia as N	5.6 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	11 mg/L	APHA 5210 B/4500-O G	2
		Thermotolerant Faecal Coliforms	88 CFU/100mL	* AS/NZS 4276.5:2019	1

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24Apr-0230	Clarke Oval 17.04.24 11.15am	Conductivity	3550 µS/cm	APHA 2510 B	1
		Nitrate as N	0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	1.14 mg/L	LTM-W-030	0.01
		pH	7.5 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	9 mg/L	LTM-W-034	2
24Apr-0231	Fisher Park 17.04.24 10.12am	Ammonia as N	1.0 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	5 mg/L	APHA 5210 B/4500-O G	2
		Thermotolerant Faecal Coliforms	5 CFU/100mL	* AS/NZS 4276.5:2019	1
		Conductivity	10600 µS/cm	APHA 2510 B	1
		Nitrate as N	0.2 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.45 mg/L	LTM-W-030	0.01
		pH	7.3 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	2 mg/L	LTM-W-034	2
24Apr-0232	Bradman Oval 17.04.24 10.05am	Ammonia as N	0.4 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	12 mg/L	APHA 5210 B/4500-O G	2
		Thermotolerant Faecal Coliforms	5 CFU/100mL	* AS/NZS 4276.5:2019	1
		Conductivity	7430 µS/cm	APHA 2510 B	1
		Nitrate as N	0.2 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.25 mg/L	LTM-W-030	0.01

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24Apr-0232	Bradman Oval 17.04.24 10.05am	pH	7.4 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	2 mg/L	LTM-W-034	2
24Apr-0233	Cameron Square 17.04.24 9.47am	Ammonia as N	<0.1 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	30 mg/L	APHA 5210 B/4500-O G	2
		Thermotolerant Faecal Coliforms	<1 CFU/100mL	* AS/NZS 4276.5:2019	1
		Conductivity	1760 µS/cm	APHA 2510 B	1
		Nitrate as N	0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.20 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
24Apr-0234	Country Club Oval 17.04.24 10.55am	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	7800 µS/cm	APHA 2510 B	1
		Nitrate as N	0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.05 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

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24Apr-0235	EA Southee School 17.04.24 11.05am	Ammonia as N	<0.1 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	26 mg/L	APHA 5210 B/4500-O G	2
		Thermotolerant Faecal Coliforms	3 CFU/100mL	* AS/NZS 4276.5:2019	1
		Conductivity	7400 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
		pH	7.1 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	<2 mg/L	LTM-W-034	2
24Apr-0236	Cootamundra High School 17.04.24 11.40am	Ammonia as N	7.5 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	20 mg/L	APHA 5210 B/4500-O G	2
		Thermotolerant Faecal Coliforms	50 CFU/100mL	* AS/NZS 4276.5:2019	1
		Conductivity	3730 µS/cm	APHA 2510 B	1
		Nitrate as N	0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	1.42 mg/L	LTM-W-030	0.01
		pH	7.5 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	16 mg/L	LTM-W-034	2
24Apr-0237	Cootamundra Public School 17.04.24 10.40am	Ammonia as N	0.8 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	20 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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24Apr-0237	Cootamundra Public School 17.04.24 10.40am	Conductivity	2580 µS/cm	APHA 2510 B	1
		Nitrate as N	0.2 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.38 mg/L	LTM-W-030	0.01
		pH	7.3 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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