

Cootamundra Gundagai Regional Council

Wednesday, August 9, 2023

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: 2307-0022

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For all enquiries related to this report please quote document number: 2307-0022

<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		10-July-2023
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Surface Water	J. Turner	10-July-2023

<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>
23Jul-0074	Mitchell Park 05.07.23 10.27am	Ammonia as N	2.2 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	13 mg/L	APHA 5210 B/4500-O G	2
		Faecal coliforms	2 cfu/100mL	* AS/NZS 4276.7:2007	
		Conductivity	820 µS/cm	APHA 2510 B	1
		Nitrate as N	2.8 mg/L	LTM-W-022	0.1
		Phosphorus, Total	0.83 mg/L	LTM-W-030	0.01
		pH	7.5 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	5 mg/L	LTM-W-034	2
23Jul-0075	Albert Park 05.07.23 10.05am	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	6000 µS/cm	APHA 2510 B	1
		Nitrate as N	0.6 mg/L	LTM-W-022	0.1
		Phosphorus, Total	0.14 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
23Jul-0076	Jubilee Park 05.07.23 11.00am	Ammonia as N	12 mg/L	LTM-W-042	0.5
		Biochemical Oxygen Demand	102 mg/L	APHA 5210 B/4500-O G	2
		Faecal coliforms	26000 cfu/100mL	* AS/NZS 4276.7:2007	

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23Jul-0076	Jubilee Park 05.07.23 11.00am	Conductivity	1900 µS/cm	APHA 2510 B	1
		Nitrate as N	0.8 mg/L	LTM-W-022	0.1
		Phosphorus, Total	11.1 mg/L	LTM-W-030	0.05
		pH	7.0 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	115 mg/L	LTM-W-034	2
23Jul-0077	Clarke Oval 05.07.23 11.10am	Ammonia as N	1.5 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	5 mg/L	APHA 5210 B/4500-O G	2
		Faecal coliforms	4 cfu/100mL	* AS/NZS 4276.7:2007	
		Conductivity	3600 µS/cm	APHA 2510 B	1
		Nitrate as N	<0.1 mg/L	LTM-W-022	0.1
		Phosphorus, Total	0.97 mg/L	LTM-W-030	0.01
		pH	7.1 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	6 mg/L	LTM-W-034	2
23Jul-0078	Fisher Park 05.07.23 11.20am	Ammonia as N	0.8 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	<2 mg/L	APHA 5210 B/4500-O G	2
		Faecal coliforms	2 cfu/100mL	* AS/NZS 4276.7:2007	
		Conductivity	9850 µS/cm	APHA 2510 B	1
		Nitrate as N	<0.1 mg/L	LTM-W-022	0.1
		Phosphorus, Total	0.42 mg/L	LTM-W-030	0.01

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23Jul-0078	Fisher Park 05.07.23 11.20am	pH	7.2 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	<2 mg/L	LTM-W-034	2
23Jul-0079	Bradman Oval 05.07.23 11.30am	Ammonia as N	0.2 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	7 mg/L	APHA 5210 B/4500-O G	2
		Faecal coliforms	50 cfu/100mL	* AS/NZS 4276.7:2007	
		Conductivity	804 µS/cm	APHA 2510 B	1
		Nitrate as N	<0.1 mg/L	LTM-W-022	0.1
		Phosphorus, Total	0.47 mg/L	LTM-W-030	0.01
		pH	7.7 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	6 mg/L	LTM-W-034	2
23Jul-0080	Cameron Square 05.07.23 11.40am	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	5 cfu/100mL	* AS/NZS 4276.7:2007	
		Conductivity	2260 µS/cm	APHA 2510 B	1
		Nitrate as N	<0.1 mg/L	LTM-W-022	0.1
		Phosphorus, Total	0.58 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

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23Jul-0081	Country Club Oval 05.07.23 10.45am	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	8100 µS/cm	APHA 2510 B	1
		Nitrate as N	<0.1 mg/L	LTM-W-022	0.1
		Phosphorus, Total	0.06 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
23Jul-0082	EA Southee School 05.07.23 10.37am	Ammonia as N	3.9 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	8 mg/L	APHA 5210 B/4500-O G	2
		Faecal coliforms	<1 cfu/100mL	* AS/NZS 4276.7:2007	
		Conductivity	17400 µS/cm	APHA 2510 B	1
		Nitrate as N	<0.1 mg/L	LTM-W-022	0.1
		Phosphorus, Total	0.84 mg/L	LTM-W-030	0.01
		pH	6.8 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	6 mg/L	LTM-W-034	2
23Jul-0083	Cootamundra High School 05.07.23 10.50am	Ammonia as N	2.6 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	4 mg/L	APHA 5210 B/4500-O G	2
		Faecal coliforms	20 cfu/100mL	* AS/NZS 4276.7:2007	

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23Jul-0083	Cootamundra High School 05.07.23 10.50am	Conductivity	5530 µS/cm	APHA 2510 B	1
		Nitrate as N	<0.1 mg/L	LTM-W-022	0.1
		Phosphorus, Total	0.49 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
23Jul-0084	Cootamundra Public School 05.07.23 10.20am	Ammonia as N	2.0 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	11 mg/L	APHA 5210 B/4500-O G	2
		Faecal coliforms	470 cfu/100mL	* AS/NZS 4276.7:2007	
		Conductivity	3560 µS/cm	APHA 2510 B	1
		Nitrate as N	<0.1 mg/L	LTM-W-022	0.1
		Phosphorus, Total	0.57 mg/L	LTM-W-030	0.01
		pH	7.2 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	5 mg/L	LTM-W-034	2

Note:

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

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Signed Michael Glazier, Laboratory Manager.



*All samples analysed as received.
All soil results are reported on a dry basis.
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