

Cootamundra Gundagai Regional Council

Thursday, January 18, 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:2401-0003

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For all enquiries related to this report please quote document number: 2401-0003

<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		08-January-2024

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Surface Water	Client	08-January-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>
24Jan-0006	Mitchell Park 04.01.24 10.45am	Ammonia as N	1.7 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	18 mg/L	APHA 5210 B/4500-O G	2
		Thermotolerant Faecal Coliforms	3 CFU/100mL	* AS/NZS 4276.5:2019	1
		Conductivity	4630 µS/cm	APHA 2510 B	1
		Nitrate as N	0.7 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.36 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
24Jan-0007	Albert Park 04.01.24 11.10am	Ammonia as N	<0.1 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	5 mg/L	APHA 5210 B/4500-O G	2
		Thermotolerant Faecal Coliforms	<1 CFU/100mL	* AS/NZS 4276.5:2019	1
		Conductivity	5440 µS/cm	APHA 2510 B	1
		Nitrate as N	0.5 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.05 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
24Jan-0008	Jubilee Park 04.01.24 10.30am	Ammonia as N	5.6 mg/L	LTM-W-042	0.5
		Biochemical Oxygen Demand	136 mg/L	APHA 5210 B/4500-O G	2
		Thermotolerant Faecal Coliforms	109 CFU/100mL	* AS/NZS 4276.5:2019	1

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24Jan-0008	Jubilee Park 04.01.24 10.30am	Conductivity	4050 µS/cm	APHA 2510 B	1
		Nitrate as N	0.4 mg/L	LTM-W-014	0.1
		Phosphorus, Total	6.26 mg/L	LTM-W-030	0.05
		pH	7.0 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	32 mg/L	LTM-W-034	2
24Jan-0009	Clarke Oval 04.01.24 10.20am	Ammonia as N	3.6 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	9 mg/L	APHA 5210 B/4500-O G	2
		Thermotolerant Faecal Coliforms	91 CFU/100mL	* AS/NZS 4276.5:2019	1
		Conductivity	3810 µS/cm	APHA 2510 B	1
		Nitrate as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.85 mg/L	LTM-W-030	0.01
		pH	7.2 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	7 mg/L	LTM-W-034	2
24Jan-0010	Fisher Park 04.01.24 10.10am	Ammonia as N	1.2 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	5 mg/L	APHA 5210 B/4500-O G	2
		Thermotolerant Faecal Coliforms	3 CFU/100mL	* AS/NZS 4276.5:2019	1
		Conductivity	10700 µS/cm	APHA 2510 B	1
		Nitrate as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.41 mg/L	LTM-W-030	0.01

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Surface Water	Client	08-January-2024

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24Jan-0010	Fisher Park 04.01.24 10.10am	pH	7.2 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	<2 mg/L	LTM-W-034	2
24Jan-0011	Bradman Oval 04.01.24 10.00am	Ammonia as N	0.4 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	10 mg/L	APHA 5210 B/4500-O G	2
		Thermotolerant Faecal Coliforms	4 CFU/100mL	* AS/NZS 4276.5:2019	1
		Conductivity	7920 µS/cm	APHA 2510 B	1
		Nitrate as N	0.3 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.18 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
24Jan-0012	Cameron Square 04.01.24 9.45am	Ammonia as N	<0.1 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	25 mg/L	APHA 5210 B/4500-O G	2
		Thermotolerant Faecal Coliforms	<1 CFU/100mL	* AS/NZS 4276.5:2019	1
		Conductivity	1920 µS/cm	APHA 2510 B	1
		Nitrate as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.55 mg/L	LTM-W-030	0.01
		pH	7.5 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	12 mg/L	LTM-W-034	2

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Surface Water	Client	08-January-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>
24Jan-0013	Country Club Oval 04.01.24 10.50am	Ammonia as N	<0.1 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	5 mg/L	APHA 5210 B/4500-O G	2
		Thermotolerant Faecal Coliforms	<1 CFU/100mL	* AS/NZS 4276.5:2019	1
		Conductivity	7910 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	7.2 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	<2 mg/L	LTM-W-034	2
24Jan-0014	EA Southee School 04.01.24 10.40am	Ammonia as N	1.6 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	21 mg/L	APHA 5210 B/4500-O G	2
		Thermotolerant Faecal Coliforms	4 CFU/100mL	* AS/NZS 4276.5:2019	1
		Conductivity	4750 µS/cm	APHA 2510 B	1
		Nitrate as N	0.6 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.62 mg/L	LTM-W-030	0.01
		pH	7.2 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	3 mg/L	LTM-W-034	2
24Jan-0015	Cootamundra High School 04.01.24 10.25am	Ammonia as N	0.4 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	16 mg/L	APHA 5210 B/4500-O G	2
		Thermotolerant Faecal Coliforms	60 CFU/100mL	* AS/NZS 4276.5:2019	1

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Surface Water	Client	08-January-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>
24Jan-0015	Cootamundra High School 04.01.24 10.25am	Conductivity	5510 µS/cm	APHA 2510 B	1
		Nitrate as N	0.2 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.10 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
24Jan-0016	Cootamundra Public School 04.01.24 11.05am	Ammonia as N	<0.1 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	20 mg/L	APHA 5210 B/4500-O G	2
		Thermotolerant Faecal Coliforms	1 CFU/100mL	* AS/NZS 4276.5:2019	1
		Conductivity	2640 µS/cm	APHA 2510 B	1
		Nitrate as N	1.4 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.51 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.*



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Surface Water	Client	08-January-2024			
EAL ID	Client ID.	Test	Result (units)	Method Reference	Limit of Reporting
	Date/Time sample taken				

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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