

Cootamundra Gundagai Regional Council

Tuesday, November 15, 2022

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: 2210-0084

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For all enquiries related to this report please quote document number: 2210-0084

<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>			
		26-October-2022			
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>			
Surface Water	Client	26-October-2022			
<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>
22Oct-0257	Mitchell Park 24.10.22 10.25am	Ammonia as N	4.8 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	3 mg/L	APHA 5210 B/4500-O G	2
		Faecal coliforms	1000 cfu/100mL	* AS/NZS 4276.7:2007	
		Conductivity	237 µS/cm	APHA 2510 B	1
		Nitrate as N	2 mg/L	LTM-W-022	1
		Phosphorus, Total	2.71 mg/L	LTM-W-030	0.01
		pH	7.9 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	10 mg/L	LTM-W-034	2
22Oct-0258	Albert Park 24.10.22 9.20am	Ammonia as N	<0.1 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	4 mg/L	APHA 5210 B/4500-O G	2
		Faecal coliforms	303 cfu/100mL	* AS/NZS 4276.7:2007	
		Conductivity	121 µS/cm	APHA 2510 B	1
		Nitrate as N	<1 mg/L	LTM-W-022	1
		Phosphorus, Total	0.70 mg/L	LTM-W-030	0.01
		pH	7.9 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	<2 mg/L	LTM-W-034	2
22Oct-0259	Jubilee Park 24.10.22 11.00am	Ammonia as N	24 mg/L	LTM-W-042	0.5
		Biochemical Oxygen Demand	43 mg/L	APHA 5210 B/4500-O G	2
		Faecal coliforms	889 cfu/100mL	* AS/NZS 4276.7:2007	

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Surface Water	Client	26-October-2022

<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>
22Oct-0259	<b>Jubilee Park</b> 24.10.22 11.00am	<b>Conductivity</b>	<b>750</b> µS/cm	APHA 2510 B	1
		<b>Nitrate as N</b>	<b>29</b> mg/L	LTM-W-022	1
		<b>Phosphorus, Total</b>	<b>6.72</b> mg/L	LTM-W-030	0.01
		<b>pH</b>	<b>7.3</b> pH units	APHA 4500-H+ B	
		<b>Total Kjeldahl Nitrogen</b>	<b>31</b> mg/L	LTM-W-034	2
22Oct-0260	<b>Clarke Oval</b> 24.10.22 10.30am	<b>Ammonia as N</b>	<b>0.9</b> mg/L	LTM-W-042	0.1
		<b>Biochemical Oxygen Demand</b>	<b>4</b> mg/L	APHA 5210 B/4500-O G	2
		<b>Faecal coliforms</b>	<b>556</b> cfu/100mL	* AS/NZS 4276.7:2007	
		<b>Conductivity</b>	<b>440</b> µS/cm	APHA 2510 B	1
		<b>Nitrate as N</b>	<b>&lt;1</b> mg/L	LTM-W-022	1
		<b>Phosphorus, Total</b>	<b>0.57</b> mg/L	LTM-W-030	0.01
		<b>pH</b>	<b>7.3</b> pH units	APHA 4500-H+ B	
		<b>Total Kjeldahl Nitrogen</b>	<b>5</b> mg/L	LTM-W-034	2
22Oct-0261	<b>Fisher Park</b> 24.10.22 9.40am	<b>Ammonia as N</b>	<b>&lt;0.1</b> mg/L	LTM-W-042	0.1
		<b>Biochemical Oxygen Demand</b>	<b>6</b> mg/L	APHA 5210 B/4500-O G	2
		<b>Faecal coliforms</b>	<b>8890</b> cfu/100mL	* AS/NZS 4276.7:2007	
		<b>Conductivity</b>	<b>207</b> µS/cm	APHA 2510 B	1
		<b>Nitrate as N</b>	<b>&lt;1</b> mg/L	LTM-W-022	1
		<b>Phosphorus, Total</b>	<b>2.61</b> mg/L	LTM-W-030	0.01

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Surface Water	Client	26-October-2022			
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22Oct-0261	<b>Fisher Park</b> 24.10.22 9.40am	pH	7.5 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	6 mg/L	LTM-W-034	2
22Oct-0262	<b>Bradman Oval</b> 24.10.22 9.51am	Ammonia as N	0.2 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	6 mg/L	APHA 5210 B/4500-O G	2
		Faecal coliforms	5560 cfu/100mL	* AS/NZS 4276.7:2007	
		Conductivity	167 µS/cm	APHA 2510 B	1
		Nitrate as N	<1 mg/L	LTM-W-022	1
		Phosphorus, Total	0.67 mg/L	LTM-W-030	0.01
		pH	7.6 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	6 mg/L	LTM-W-034	2
22Oct-0263	<b>Cameron Square</b> 24.10.22 10.10am	Ammonia as N	0.3 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	9 mg/L	APHA 5210 B/4500-O G	2
		Faecal coliforms	4440 cfu/100mL	* AS/NZS 4276.7:2007	
		Conductivity	248 µS/cm	APHA 2510 B	1
		Nitrate as N	<1 mg/L	LTM-W-022	1
		Phosphorus, Total	0.52 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

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Surface Water	Client	26-October-2022

  

<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>
22Oct-0264	<b>Country Club Oval</b> 24.10.22 10.40am	<b>Ammonia as N</b>	<b>0.2</b> mg/L	LTM-W-042	0.1
		<b>Biochemical Oxygen Demand</b>	<b>&lt;2</b> mg/L	APHA 5210 B/4500-O G	2
		<b>Faecal coliforms</b>	<b>9</b> cfu/100mL	* AS/NZS 4276.7:2007	
		<b>Conductivity</b>	<b>8060</b> µS/cm	APHA 2510 B	1
		<b>Nitrate as N</b>	<b>&lt;1</b> mg/L	LTM-W-022	1
		<b>Phosphorus, Total</b>	<b>0.40</b> mg/L	LTM-W-030	0.01
		<b>pH</b>	<b>6.9</b> pH units	APHA 4500-H+ B	
		<b>Total Kjeldahl Nitrogen</b>	<b>5</b> mg/L	LTM-W-034	2
22Oct-0265	<b>EA Southee School</b> 24.10.22 10.50am	<b>Ammonia as N</b>	<b>&lt;0.1</b> mg/L	LTM-W-042	0.1
		<b>Biochemical Oxygen Demand</b>	<b>10</b> mg/L	APHA 5210 B/4500-O G	2
		<b>Faecal coliforms</b>	<b>2110</b> cfu/100mL	* AS/NZS 4276.7:2007	
		<b>Conductivity</b>	<b>5360</b> µS/cm	APHA 2510 B	1
		<b>Nitrate as N</b>	<b>&lt;1</b> mg/L	LTM-W-022	1
		<b>Phosphorus, Total</b>	<b>1.31</b> mg/L	LTM-W-030	0.01
		<b>pH</b>	<b>7.1</b> pH units	APHA 4500-H+ B	
		<b>Total Kjeldahl Nitrogen</b>	<b>7</b> mg/L	LTM-W-034	2
22Oct-0266	<b>Cootamundra High School</b> 24.10.22 8.00am	<b>Ammonia as N</b>	<b>&lt;0.1</b> mg/L	LTM-W-042	0.1
		<b>Biochemical Oxygen Demand</b>	<b>3</b> mg/L	APHA 5210 B/4500-O G	2
		<b>Faecal coliforms</b>	<b>556</b> cfu/100mL	* AS/NZS 4276.7:2007	

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22Oct-0266	Cootamundra High School 24.10.22 8.00am	Conductivity	5460 µS/cm	APHA 2510 B	1
		Nitrate as N	<1 mg/L	LTM-W-022	1
		Phosphorus, Total	1.18 mg/L	LTM-W-030	0.01
		pH	6.8 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	8 mg/L	LTM-W-034	2
22Oct-0267	Cootamundra Public School 24.10.22 8.26am	Ammonia as N	<0.1 mg/L	LTM-W-042	0.1
		Biochemical Oxygen Demand	18 mg/L	APHA 5210 B/4500-O G	2
		Faecal coliforms	37800 cfu/100mL	* AS/NZS 4276.7:2007	
		Conductivity	1040 µS/cm	APHA 2510 B	1
		Nitrate as N	4 mg/L	LTM-W-022	1
		Phosphorus, Total	4.10 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

**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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