

**Cootamundra Gundagai Regional Council**

Friday, November 24, 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: 2310-0059**

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*For all enquiries related to this report please quote document number: 2310-0059*

<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		19-October-2023
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Surface Water	J. Turner	19-October-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>
23Oct-0168	<b>Mitchell Park</b> 17.10.23 2.45pm	<b>Ammonia as N</b>	<b>2.2</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>Thermotolerant Faecal Coliforms</b>	<b>8</b> CFU/100mL	* AS/NZS 4276.5:2019	1
		<b>Conductivity</b>	<b>3900</b> µS/cm	APHA 2510 B	1
		<b>Nitrate as N</b>	<b>0.6</b> mg/L	LTM-W-022	0.1
		<b>Phosphorus, Total</b>	<b>0.97</b> mg/L	LTM-W-030	0.01
		<b>pH</b>	<b>6.3</b> pH units	APHA 4500-H+ B	
		<b>Total Kjeldahl Nitrogen</b>	<b>6</b> mg/L	LTM-W-034	2
23Oct-0169	<b>Albert Park</b> 17.10.23 2.40pm	<b>Ammonia as N</b>	<b>&lt;0.1</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>Thermotolerant Faecal Coliforms</b>	<b>80</b> CFU/100mL	* AS/NZS 4276.5:2019	1
		<b>Conductivity</b>	<b>4990</b> µS/cm	APHA 2510 B	1
		<b>Nitrate as N</b>	<b>0.4</b> mg/L	LTM-W-022	0.1
		<b>Phosphorus, Total</b>	<b>0.07</b> mg/L	LTM-W-030	0.01
		<b>pH</b>	<b>6.2</b> pH units	APHA 4500-H+ B	
		<b>Total Kjeldahl Nitrogen</b>	<b>3</b> mg/L	LTM-W-034	2
23Oct-0170	<b>Jubilee Park</b> 17.10.23 2.00pm	<b>Ammonia as N</b>	<b>12</b> mg/L	LTM-W-042	0.5
		<b>Biochemical Oxygen Demand</b>	<b>88</b> mg/L	APHA 5210 B/4500-O G	2
		<b>Thermotolerant Faecal Coliforms</b>	<b>94</b> CFU/100mL	* AS/NZS 4276.5:2019	1

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23Oct-0170	<b>Jubilee Park</b> 17.10.23 2.00pm	<b>Conductivity</b>	<b>3030</b> µS/cm	APHA 2510 B	1
		<b>Nitrate as N</b>	<b>1.3</b> mg/L	LTM-W-022	0.1
		<b>Phosphorus, Total</b>	<b>8.26</b> mg/L	LTM-W-030	0.01
		<b>pH</b>	<b>6.3</b> pH units	APHA 4500-H+ B	
		<b>Total Kjeldahl Nitrogen</b>	<b>21</b> mg/L	LTM-W-034	2
23Oct-0171	<b>Clarke Oval</b> 17.10.23 2.20pm	<b>Ammonia as N</b>	<b>2.3</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>Thermotolerant Faecal Coliforms</b>	<b>58</b> CFU/100mL	* AS/NZS 4276.5:2019	1
		<b>Conductivity</b>	<b>3500</b> µS/cm	APHA 2510 B	1
		<b>Nitrate as N</b>	<b>1.0</b> mg/L	LTM-W-022	0.1
		<b>Phosphorus, Total</b>	<b>1.79</b> mg/L	LTM-W-030	0.01
		<b>pH</b>	<b>6.5</b> pH units	APHA 4500-H+ B	
		<b>Total Kjeldahl Nitrogen</b>	<b>10</b> mg/L	LTM-W-034	2
23Oct-0172	<b>Fisher Park</b> 17.10.23 2.30pm	<b>Ammonia as N</b>	<b>0.7</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>Thermotolerant Faecal Coliforms</b>	<b>4</b> CFU/100mL	* AS/NZS 4276.5:2019	1
		<b>Conductivity</b>	<b>10000</b> µS/cm	APHA 2510 B	1
		<b>Nitrate as N</b>	<b>0.2</b> mg/L	LTM-W-022	0.1
		<b>Phosphorus, Total</b>	<b>0.38</b> mg/L	LTM-W-030	0.01

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Surface Water	J. Turner	19-October-2023

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23Oct-0172	<b>Fisher Park</b> 17.10.23 2.30pm	<b>pH</b>	<b>6.7</b> pH units	APHA 4500-H+ B	
		<b>Total Kjeldahl Nitrogen</b>	<b>&lt;2</b> mg/L	LTM-W-034	2
23Oct-0173	<b>Bradman Oval</b> 17.10.23 12.50pm	<b>Ammonia as N</b>	<b>0.3</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>Thermotolerant Faecal Coliforms</b>	<b>&lt;1</b> CFU/100mL	* AS/NZS 4276.5:2019	1
		<b>Conductivity</b>	<b>7930</b> µS/cm	APHA 2510 B	1
		<b>Nitrate as N</b>	<b>0.1</b> mg/L	LTM-W-022	0.1
		<b>Phosphorus, Total</b>	<b>0.15</b> mg/L	LTM-W-030	0.01
		<b>pH</b>	<b>6.8</b> pH units	APHA 4500-H+ B	
		<b>Total Kjeldahl Nitrogen</b>	<b>&lt;2</b> mg/L	LTM-W-034	2
23Oct-0174	<b>Cameron Square</b> 17.10.23 12.40pm	<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>Thermotolerant Faecal Coliforms</b>	<b>&lt;1</b> CFU/100mL	* AS/NZS 4276.5:2019	1
		<b>Conductivity</b>	<b>2130</b> µS/cm	APHA 2510 B	1
		<b>Nitrate as N</b>	<b>&lt;0.1</b> mg/L	LTM-W-022	0.1
		<b>Phosphorus, Total</b>	<b>0.23</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>4</b> mg/L	LTM-W-034	2

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23Oct-0175	<b>Country Club Oval</b> 17.10.23 2.05pm	<b>Ammonia as N</b>	<b>0.1</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>Thermotolerant Faecal Coliforms</b>	<b>34</b> CFU/100mL	* AS/NZS 4276.5:2019	1
		<b>Conductivity</b>	<b>7730</b> µS/cm	APHA 2510 B	1
		<b>Nitrate as N</b>	<b>0.1</b> mg/L	LTM-W-022	0.1
		<b>Phosphorus, Total</b>	<b>0.07</b> mg/L	LTM-W-030	0.01
		<b>pH</b>	<b>6.8</b> pH units	APHA 4500-H+ B	
		<b>Total Kjeldahl Nitrogen</b>	<b>&lt;2</b> mg/L	LTM-W-034	2
23Oct-0176	<b>EA Southee School</b> 17.10.23 1.05pm	<b>Ammonia as N</b>	<b>2.5</b> mg/L	LTM-W-042	0.1
		<b>Biochemical Oxygen Demand</b>	<b>7</b> mg/L	APHA 5210 B/4500-O G	2
		<b>Thermotolerant Faecal Coliforms</b>	<b>2</b> CFU/100mL	* AS/NZS 4276.5:2019	1
		<b>Conductivity</b>	<b>17800</b> µS/cm	APHA 2510 B	1
		<b>Nitrate as N</b>	<b>0.1</b> mg/L	LTM-W-022	0.1
		<b>Phosphorus, Total</b>	<b>0.50</b> mg/L	LTM-W-030	0.01
		<b>pH</b>	<b>6.5</b> pH units	APHA 4500-H+ B	
		<b>Total Kjeldahl Nitrogen</b>	<b>5</b> mg/L	LTM-W-034	2
23Oct-0177	<b>Cootamundra High School</b> 17.10.23 2.15pm	<b>Ammonia as N</b>	<b>0.1</b> mg/L	LTM-W-042	0.1
		<b>Biochemical Oxygen Demand</b>	<b>5</b> mg/L	APHA 5210 B/4500-O G	2
		<b>Thermotolerant Faecal Coliforms</b>	<b>&lt;1</b> CFU/100mL	* AS/NZS 4276.5:2019	1

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23Oct-0177	<b>Cootamundra High School</b> 17.10.23 2.15pm	<b>Conductivity</b>	<b>7600</b> µS/cm	APHA 2510 B	1
		<b>Nitrate as N</b>	<b>&lt;0.1</b> mg/L	LTM-W-022	0.1
		<b>Phosphorus, Total</b>	<b>0.06</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>&lt;2</b> mg/L	LTM-W-034	2
23Oct-0178	<b>Cootamundra Public School</b> 17.10.23 1.35pm	<b>Ammonia as N</b>	<b>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>Thermotolerant Faecal Coliforms</b>	<b>4</b> CFU/100mL	* AS/NZS 4276.5:2019	1
		<b>Conductivity</b>	<b>5110</b> µS/cm	APHA 2510 B	1
		<b>Nitrate as N</b>	<b>0.3</b> mg/L	LTM-W-022	0.1
		<b>Phosphorus, Total</b>	<b>0.06</b> mg/L	LTM-W-030	0.01
		<b>pH</b>	<b>6.8</b> pH units	APHA 4500-H+ B	
		<b>Total Kjeldahl Nitrogen</b>	<b>&lt;2</b> mg/L	LTM-W-034	2

**Note:**

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



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Surface Water	J. Turner	19-October-2023			
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	Date/Time sample taken				

Signed ..... Michael Glazier, Laboratory Manager.

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