

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: 2404-0059

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For all enquiries related to this report please quote document number: 2404-0059

<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		15-April-2024
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Surface Water	Client	15-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-0167	Tip Dam 1 Surface (EPA Pt1) 11.04.24 7.18am				
		Alkalinity, Total as CaCO3	49 mg/L	APHA 2320 B	2
		Ammonia as N	0.7 mg/L	LTM-W-042	0.1
		Calcium (acid extractable)	47.0 mg/L	APHA 3030 E/3120 B	2
		Chloride	512 mg/L	* APHA 4500-CI E	0.1
		Total Chlorinated Volatile Compounds	<0.002 mg/L	Analysis by ALS Melb. (acc no. 992)	0.001
		Conductivity	1820 µS/cm	APHA 2510 B	1
		Fluoride	0.16 mg/L	Analysis by ALS, Melbourne (acc no. 992)	
		Iron (acid extractable)	1.69 mg/L	APHA 3030 E/3120 B	0.01
		Magnesium (acid extractable)	24.0 mg/L	APHA 3030 E/3120 B	2
		Manganese (acid extractable)	0.299 mg/L	APHA 3030 E/3120 B	0.001
		Nitrate as N	1.2 mg/L	LTM-W-014	0.1
		Phenolics - Total	0.5 mg/L	* APHA 5530 D	0.2
		pH	6.5 pH units	APHA 4500-H+ B	
		Potassium (acid extractable)	27.7 mg/L	APHA 3030 E/3120 B	2
		Sodium (acid extractable)	422 mg/L	APHA 3030 E/3120 B	20
		Refer to ALS Report Number:	24-27992	Analysis by ALS, Melbourne (acc no. 992)	
		Sulfate	37 mg/L	Analysis by ALS, Melbourne (acc no. 992)	
		Total Organic Carbon	15 mg/L	Analysis by ALS Melbourne (acc no. 992)	
		Total Suspended Solids	23 mg/L	APHA 2540 D	2

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Surface Water	Client	15-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-0168	Tip Dam 2 Surface (EPA Pt4) 11.04.24 7.09am	Cyanide	0.004 mg/L	* APHA 4500-CN E	0.002
		Phenolics - Total	0.6 mg/L	* APHA 5530 D	0.2
		Refer to ALS Report Number:	24-27992	Analysis by ALS, Melbourne (acc no. 992)	
24Apr-0169	Tip Dam 3 Surface (EPA Pt5) 11.04.24 7.04am	Cyanide	0.019 mg/L	* APHA 4500-CN E	0.002
		Phenolics - Total	1.6 mg/L	* APHA 5530 D	0.2
		Refer to ALS Report Number:	24-27992	Analysis by ALS, Melbourne (acc no. 992)	
24Apr-0170	Tip Dam 4 Surface (Pending) 11.04.24 7.23am	Alkalinity, Total as CaCO3	66 mg/L	APHA 2320 B	2
		Ammonia as N	1.1 mg/L	LTM-W-042	0.1
		Calcium (acid extractable)	72.4 mg/L	APHA 3030 E/3120 B	4
		Chloride	851 mg/L	* APHA 4500-Cl E	0.1
		Total Chlorinated Volatile Compounds	<0.002 mg/L	Analysis by ALS Melb. (acc no. 992)	0.001
		Conductivity	3030 µS/cm	APHA 2510 B	1
		Fluoride	0.21 mg/L	Analysis by ALS, Melbourne (acc no. 992)	
		Iron (acid extractable)	1.65 mg/L	APHA 3030 E/3120 B	0.02
		Magnesium (acid extractable)	43.4 mg/L	APHA 3030 E/3120 B	4
		Manganese (acid extractable)	3.66 mg/L	APHA 3030 E/3120 B	0.01
		Nitrate as N	0.4 mg/L	LTM-W-014	0.1

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Surface Water	Client	15-April-2024			
<u>EAL ID</u>	<u>Client ID.</u>	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
24Apr-0170	Tip Dam 4 Surface (Pending) 11.04.24 7.23am				
		Phenolics - Total	0.6 mg/L	* APHA 5530 D	0.2
		pH	6.6 pH units	APHA 4500-H+ B	
		Potassium (acid extractable)	44.8 mg/L	APHA 3030 E/3120 B	4
		Sodium (acid extractable)	394 mg/L	APHA 3030 E/3120 B	20
		Refer to ALS Report Number:	24-27992	Analysis by ALS, Melbourne (acc no. 992)	
		Sulfate	39 mg/L	Analysis by ALS, Melbourne (acc no. 992)	
		Total Organic Carbon	24 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Total Suspended Solids	29 mg/L	APHA 2540 D	2

Note:

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



**Charles Sturt
University**

**ENVIRONMENTAL AND ANALYTICAL
LABORATORIES**

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Surface Water	Client	15-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>

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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