

Cootamundra Gundagai Regional Council

Monday, August 19, 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:2407-0017

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For all enquiries related to this report please quote document number: 2407-0017

<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		04-July-2024
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	G. Finucane	04-July-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>
24Jul-0071	Tip Dam 1 Surface (EPA Pt1) 02.07.24 7.37am				
		Alkalinity, Total as CaCO3	63 mg/L	APHA 2320 B	2
		Ammonia as N	1.6 mg/L	LTM-W-042	0.1
		Calcium (acid extractable)	65.6 mg/L	APHA 3030 E/3120 B	2
		Chloride	593 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	2060 µS/cm	APHA 2510 B	1
		Fluoride	0.13 mg/L	Analysis by ALS, Melbourne (acc no. 992)	
		Iron (acid extractable)	1.99 mg/L	APHA 3030 E/3120 B	0.01
		Magnesium (acid extractable)	33.5 mg/L	APHA 3030 E/3120 B	2
		Manganese (acid extractable)	0.796 mg/L	APHA 3030 E/3120 B	0.001
		Nitrate as N	0.3 mg/L	LTM-W-014	0.1
		Phenolics - Total	0.2 mg/L	* APHA 5530 D	0.2
		pH	7.0 pH units	APHA 4500-H+ B	
		Potassium (acid extractable)	31.7 mg/L	APHA 3030 E/3120 B	2
		Sodium (acid extractable)	299 mg/L	APHA 3030 E/3120 B	2
		Refer to ALS Report Number:	24-45123	Analysis by ALS, Melbourne (acc no. 992)	
		Sulfate	40 mg/L	Analysis by ALS, Melbourne (acc no. 992)	
		Total Organic Carbon	11 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Total Suspended Solids	12 mg/L	APHA 2540 D	2

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Water	G. Finucane	04-July-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>
24Jul-0072	Tip Dam 2 Surface (EPA Pt4) 02.07.24 7.29am	Cyanide	0.005 mg/L	* APHA 4500-CN E	0.002
		Phenolics - Total	0.5 mg/L	* APHA 5530 D	0.2
		Refer to ALS Report Number:	24-45123	Analysis by ALS, Melbourne (acc no. 992)	
24Jul-0073	Tip Dam 3 Surface (EPA Pt5) 02.07.24 7.24am	Cyanide	0.071 mg/L	* APHA 4500-CN E	0.002
		Phenolics - Total	2.3 mg/L	* APHA 5530 D	0.2
		Refer to ALS Report Number:	24-451234	Analysis by ALS, Melbourne (acc no. 992)	
24Jul-0074	Tip Dam 4 Surface (Pending) 02.07.24 7.42am	Alkalinity, Total as CaCO3	96 mg/L	APHA 2320 B	2
		Ammonia as N	2.8 mg/L	LTM-W-042	0.1
		Calcium (acid extractable)	126 mg/L	APHA 3030 E/3120 B	2
		Chloride	1600 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	5530 µS/cm	APHA 2510 B	1
		Fluoride	0.16 mg/L	Analysis by ALS, Melbourne (acc no. 992)	
		Iron (acid extractable)	1.49 mg/L	APHA 3030 E/3120 B	0.01
		Magnesium (acid extractable)	79.8 mg/L	APHA 3030 E/3120 B	2
		Manganese (acid extractable)	0.960 mg/L	APHA 3030 E/3120 B	0.001
		Nitrate as N	1.1 mg/L	LTM-W-014	0.1



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Water	G. Finucane	04-July-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>
24Jul-0074	Tip Dam 4 Surface (Pending) 02.07.24 7.42am	Phenolics - Total	0.4 mg/L	* APHA 5530 D	0.2
		pH	7.0 pH units	APHA 4500-H+ B	
		Potassium (acid extractable)	75.3 mg/L	APHA 3030 E/3120 B	2
		Sodium (acid extractable)	858 mg/L	APHA 3030 E/3120 B	40
		Refer to ALS Report Number:	24-45123	Analysis by ALS, Melbourne (acc no. 992)	
		Sulfate	16 mg/L	Analysis by ALS, Melbourne (acc no. 992)	
		Total Organic Carbon	23 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Total Suspended Solids	30 mg/L	APHA 2540 D	2

Note:

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



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Sample Type	Collected By	Date Received			
Water	G. Finucane	04-July-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.
This report shall not be reproduced except in full.
This report replaces any previously issued report