

Cootamundra Gundagai Regional Council

Thursday, October 31, 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: 2410-0025

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For all enquiries related to this report please quote document number: 2410-0025

<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		04-October-2024
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Surface Water	G. Finucane	04-October-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>
24Oct-0051	Tip Dam 1 Surface (EPA Pt1) 02.10.24 7.24am				
		Alkalinity, Total as CaCO3	68 mg/L	APHA 2320 B	2
		Ammonia as N	0.8 mg/L	LTM-W-042	0.1
		Calcium (acid extractable)	95.6 mg/L	APHA 3030 E/3120 B	2
		Chloride	838 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	3480 µS/cm	APHA 2510 B	1
		Fluoride	0.14 mg/L	Analysis by ALS, Melbourne (acc no. 992)	
		Iron (acid extractable)	1.28 mg/L	APHA 3030 E/3120 B	0.01
		Magnesium (acid extractable)	50.6 mg/L	APHA 3030 E/3120 B	2
		Manganese (acid extractable)	0.757 mg/L	APHA 3030 E/3120 B	0.001
		Nitrate as N	0.2 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)	39.0 mg/L	APHA 3030 E/3120 B	2
		Sodium (acid extractable)	461 mg/L	APHA 3030 E/3120 B	40
		Refer to ALS Report Number:	24-62167	Analysis by ALS, Melbourne (acc no. 992)	
		Sulfate	35 mg/L	Analysis by ALS, Melbourne (acc no. 992)	
		Total Organic Carbon	12 mg/L	Analysis by ALS Melbourne (acc no. 992)	
		Total Suspended Solids	21 mg/L	APHA 2540 D	2

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Surface Water	G. Finucane	04-October-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>
24Oct-0052	Tip Dam 2 Surface (EPA Pt4) 02.10.24 7.06am	Cyanide	0.003 mg/L	* APHA 4500-CN E	0.002
		Phenolics - Total	0.6 mg/L	* APHA 5530 D	0.2
		Refer to ALS Report Number:	24-62167	Analysis by ALS, Melbourne (acc no. 992)	
24Oct-0053	Tip Dam 3 Surface (EPA Pt5) 02.10.24 7.11am	Cyanide	0.028 mg/L	* APHA 4500-CN E	0.002
		Phenolics - Total	2.0 mg/L	* APHA 5530 D	0.2
		Refer to ALS Report Number:	24-62167	Analysis by ALS, Melbourne (acc no. 992)	
24Oct-0054	Tip Dam 4 Surface (Pending) 02.10.24 7.31am	Alkalinity, Total as CaCO3	154 mg/L	APHA 2320 B	2
		Ammonia as N	22 mg/L	LTM-W-042	0.5
		Calcium (acid extractable)	161 mg/L	APHA 3030 E/3120 B	2
		Chloride	1840 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	8180 µS/cm	APHA 2510 B	1
		Fluoride	0.18 mg/L	Analysis by ALS, Melbourne (acc no. 992)	
		Iron (acid extractable)	1.28 mg/L	APHA 3030 E/3120 B	0.01
		Magnesium (acid extractable)	109 mg/L	APHA 3030 E/3120 B	2
		Manganese (acid extractable)	7.20 mg/L	APHA 3030 E/3120 B	0.02
		Nitrate as N	0.4 mg/L	LTM-W-014	0.1

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Surface Water	G. Finucane	04-October-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>
24Oct-0054	Tip Dam 4 Surface (Pending) 02.10.24 7.31am	Phenolics - Total	0.4 mg/L	* APHA 5530 D	0.2
		pH	7.2 pH units	APHA 4500-H+ B	
		Potassium (acid extractable)	87.7 mg/L	APHA 3030 E/3120 B	2
		Sodium (acid extractable)	1140 mg/L	APHA 3030 E/3120 B	40
		Refer to ALS Report Number:	24-62167	Analysis by ALS, Melbourne (acc no. 992)	
		Sulfate	36 mg/L	Analysis by ALS, Melbourne (acc no. 992)	
		Total Organic Carbon	21 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Total Suspended Solids	83 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			
Surface Water	G. Finucane	04-October-2024			
EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting

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