

Cootamundra Gundagai Regional Council

Tuesday, May 9, 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: 2304-0044

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For all enquiries related to this report please quote document number: 2304-0044

<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		14-April-2023
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Groundwater	Client	14-April-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>
23Apr-0419	Tip Dam 1 Surface (EPA Pt1) 12.04.23 7.40am	Alkalinity, Total as CaCO3	105 mg/L	APHA 2320 B	2
		Ammonia as N	0.9 mg/L	LTM-W-042	0.1
		Calcium (acid extractable)	59.0 mg/L	APHA 3030 E/3120 B	2
		Chloride	652 mg/L	APHA 4110 B	1
		Total Chlorinated Volatile Compounds	<0.001 mg/L	Analysis by ALS Melb. (acc no. 992)	0.001
		Conductivity	2370 µS/cm	APHA 2510 B	1
		Fluoride	<1 mg/L	APHA 4110 B	1
		Iron (acid extractable)	0.75 mg/L	APHA 3030 E/3120 B	0.01
		Magnesium (acid extractable)	29.8 mg/L	APHA 3030 E/3120 B	2
		Manganese (acid extractable)	0.56 mg/L	APHA 3030 E/3120 B	0.001
		Nitrate as N	<1 mg/L	LTM-W-022	1
		Phenolics - Total	0.5 mg/L	* APHA 5530 D	0.2
		pH	6.3 pH units	APHA 4500-H+ B	
		Potassium (acid extractable)	58.0 mg/L	APHA 3030 E/3120 B	2
		Sodium (acid extractable)	297 mg/L	APHA 3030 E/3120 B	2
		Refer to ALS Report Number:	23-27220	Analysis by ALS, Melbourne (acc no. 992)	
		Sulphate	85 mg/L	APHA 4110 B	5
		Total Organic Carbon	19 mg/L	Analysis by ALS Melbourne (acc no. 992)	
		Total Suspended Solids	16 mg/L	APHA 2540 D	2

23Apr-0420 Tip Dam 2 Surface (EPA Pt4)
12.04.23 7.55am

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<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>
23Apr-0420	Tip Dam 2 Surface (EPA Pt4) 12.04.23 7.55am	Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Phenolics - Total	0.7 mg/L	* APHA 5530 D	0.2
		Refer to ALS Report Number:	23-27220	Analysis by ALS, Melbourne (acc no. 992)	
23Apr-0421	Tip Dam 3 Surface (EPA Pt5) 12.04.23 7.50am	Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Phenolics - Total	0.5 mg/L	* APHA 5530 D	0.2
		Refer to ALS Report Number:	23-27220	Analysis by ALS, Melbourne (acc no. 992)	
23Apr-0422	Tip Dam 4 Surface (Pending) 12.04.23 7.35am	Alkalinity, Total as CaCO3	121 mg/L	APHA 2320 B	2
		Ammonia as N	3.1 mg/L	LTM-W-042	0.1
		Calcium (acid extractable)	64.9 mg/L	APHA 3030 E/3120 B	2
		Chloride	763 mg/L	APHA 4110 B	1
		Total Chlorinated Volatile Compounds	<0.001 mg/L	Analysis by ALS Melb. (acc no. 992)	0.001
		Conductivity	2760 µS/cm	APHA 2510 B	1
		Fluoride	<1 mg/L	APHA 4110 B	1
		Iron (acid extractable)	0.98 mg/L	APHA 3030 E/3120 B	0.01
		Magnesium (acid extractable)	33.7 mg/L	APHA 3030 E/3120 B	2
		Manganese (acid extractable)	1.96 mg/L	APHA 3030 E/3120 B	0.001
		Nitrate as N	<1 mg/L	LTM-W-022	1

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23Apr-0422	Tip Dam 4 Surface (Pending) 12.04.23 7.35am	Phenolics - Total	0.5 mg/L	* APHA 5530 D	0.2
		pH	6.5 pH units	APHA 4500-H+ B	
		Potassium (acid extractable)	63.1 mg/L	APHA 3030 E/3120 B	2
		Sodium (acid extractable)	358 mg/L	APHA 3030 E/3120 B	2
		Refer to ALS Report Number:	23-27220	Analysis by ALS, Melbourne (acc no: 992)	
		Sulphate	71 mg/L	APHA 4110 B	5
		Total Organic Carbon	20 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Total Suspended Solids	25 mg/L	APHA 2540 D	2

Note:

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

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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.
The EAL takes no responsibility for the end use of results within this report.
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This report replaces any previously issued report*