

Cootamundra Gundagai Regional Council

Friday, November 25, 2022

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: 2210-0038

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For all enquiries related to this report please quote document number: 2210-0038

<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		13-October-2022
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Groundwater	G. Finucane	13-October-2022

<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>
22Oct-0112	Tip Dam 1 Surface (EPA Pt1) 11.10.22 7.35am				
		Alkalinity, Total as CaCO3	201 mg/L	APHA 2320 B	2
		Ammonia as N	0.4 mg/L	LTM-W-042	0.1
		Calcium (acid extractable)	47.2 mg/L	APHA 3030 E/3120 B	2
		Chloride	142 mg/L	APHA 4110 B	1
		Total Chlorinated Volatile Compounds	<0.001 mg/L	Analysis by ALS Melb. (acc no. 992)	0.001
		Conductivity	822 µS/cm	APHA 2510 B	1
		Fluoride	<1 mg/L	APHA 4110 B	1
		Iron (acid extractable)	3.32 mg/L	APHA 3030 E/3120 B	0.01
		Magnesium (acid extractable)	16.8 mg/L	APHA 3030 E/3120 B	2
		Manganese (acid extractable)	1.72 mg/L	APHA 3030 E/3120 B	0.001
		Nitrate as N	<1 mg/L	LTM-W-022	1
		Phenolics - Total	0.4 mg/L	* APHA 5530 D	0.2
		pH	6.0 pH units	APHA 4500-H+ B	
		Potassium (acid extractable)	22.1 mg/L	APHA 3030 E/3120 B	2
		Sodium (acid extractable)	86.1 mg/L	APHA 3030 E/3120 B	2
		Refer to ALS Report Number:	22-73603	Analysis by ALS, Melbourne (acc no. 992)	
		Sulphate	26 mg/L	APHA 4110 B	5
		Total Organic Carbon	32 mg/L	Analysis by ALS Melbourne (acc no. 992)	
		Total Suspended Solids	128 mg/L	APHA 2540 D	2

22Oct-0113 **Tip Dam 2 Surface (EPA Pt4)**
11.10.22 7.25am

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22Oct-0113	Tip Dam 2 Surface (EPA Pt4) 11.10.22 7.25am	Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Phenolics - Total	0.8 mg/L	* APHA 5530 D	0.2
		Refer to ALS Report Number:	22-73603	Analysis by ALS, Melbourne (acc no. 992)	
22Oct-0114	Tip Dam 3 Surface (EPA Pt5) 11.10.22 7.15am	Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Phenolics - Total	0.4 mg/L	* APHA 5530 D	0.2
		Refer to ALS Report Number:	22-73603	Analysis by ALS, Melbourne (acc no. 992)	
22Oct-0115	Tip Dam 4 Surface (Pending) 11.10.22 7.05am	Alkalinity, Total as CaCO3	212 mg/L	APHA 2320 B	2
		Ammonia as N	4.2 mg/L	LTM-W-042	0.1
		Calcium (acid extractable)	97.6 mg/L	APHA 3030 E/3120 B	2
		Chloride	406 mg/L	APHA 4110 B	1
		Total Chlorinated Volatile Compounds	<0.001 mg/L	Analysis by ALS Melb. (acc no. 992)	0.001
		Conductivity	1980 µS/cm	APHA 2510 B	1
		Fluoride	<1 mg/L	APHA 4110 B	1
		Iron (acid extractable)	0.30 mg/L	APHA 3030 E/3120 B	0.01
		Magnesium (acid extractable)	30.8 mg/L	APHA 3030 E/3120 B	2
		Manganese (acid extractable)	0.485 mg/L	APHA 3030 E/3120 B	0.001
		Nitrate as N	21 mg/L	LTM-W-022	1

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22Oct-0115	Tip Dam 4 Surface (Pending) 11.10.22 7.05am	Phenolics - Total	0.6 mg/L	* APHA 5530 D	0.2
		pH	6.5 pH units	APHA 4500-H+ B	
		Potassium (acid extractable)	50.4 mg/L	APHA 3030 E/3120 B	2
		Sodium (acid extractable)	187 mg/L	APHA 3030 E/3120 B	2
		Refer to ALS Report Number:	22-73603	Analysis by ALS, Melbourne (acc no: 992)	
		Sulphate	169 mg/L	APHA 4110 B	5
		Total Organic Carbon	24 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Total Suspended Solids	28 mg/L	APHA 2540 D	2

Note:

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

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Signed Michael Glazier, Laboratory Manager.

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