

Cootamundra Gundagai Regional Council

Monday, July 11, 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: 2204-0055

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For all enquiries related to this report please quote document number: 2204-0055

<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>			
		24-April-2022			
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>			
Groundwater	G. Finucane	24-April-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>
22Apr-0161	Tip Dam 1 Surface (EPA Pt1) 13.04.22 7.06am	Alkalinity, Total as CaCO <sub>3</sub>	90 mg/L	APHA 2320 B	2
		Ammonia as N	1.0 mg/L	LTM-W-042	0.1
		Calcium (acid extractable)	20.0 mg/L	APHA 3030 E/3120 B	2
		Chloride	86.5 mg/L	APHA 4110 B	1
		Total Chlorinated Volatile Compounds	<0.002 mg/L	Analysis by ALS Melb. (acc no. 992)	0.001
		Conductivity	500 µS/cm	APHA 2510 B	1
		Fluoride	<1 mg/L	APHA 4110 B	1
		Iron (acid extractable)	3.00 mg/L	APHA 3030 E/3120 B	0.01
		Magnesium (acid extractable)	8.00 mg/L	APHA 3030 E/3120 B	2
		Manganese (acid extractable)	0.470 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	7.0 pH units	APHA 4500-H+ B	
		Potassium (acid extractable)	19.0 mg/L	APHA 3030 E/3120 B	2
		Sodium (acid extractable)	66.0 mg/L	APHA 3030 E/3120 B	2
		Refer to ALS Report Number:	22-44240	Analysis by ALS, Melbourne (acc no. 992)	
		Sulphate	34.7 mg/L	APHA 4110 B	5
		Total Organic Carbon	16 mg/L	Analysis by ALS Melbourne (acc no. 992)	
		Total Suspended Solids	68 mg/L	APHA 2540 D	2
22Apr-0162	Tip Dam 2 Surface (EPA Pt4) 13.04.22 7.19am				

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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>
22Apr-0162	<b>Tip Dam 2 Surface (EPA Pt4)</b> 13.04.22 7.19am	<b>Cyanide</b>	<b>0.004</b> mg/L	* APHA 4500-CN E	0.002
		<b>Phenolics - Total</b>	<b>0.3</b> mg/L	* APHA 5530 D	0.2
		<b>Refer to ALS Report Number:</b>	<b>22-44240</b>	Analysis by ALS, Melbourne (acc no. 992)	
22Apr-0163	<b>Tip Dam 3 Surface (EPA Pt5)</b> 13.04.22 7.15am	<b>Cyanide</b>	<b>0.005</b> mg/L	* APHA 4500-CN E	0.002
		<b>Phenolics - Total</b>	<b>0.8</b> mg/L	* APHA 5530 D	0.2
		<b>Refer to ALS Report Number:</b>	<b>22-44240</b>	Analysis by ALS, Melbourne (acc no. 992)	
22Apr-0164	<b>Tip Dam 4 Surface (Pending)</b> 13.04.22 7.01am	<b>Alkalinity, Total as CaCO3</b>	<b>207</b> mg/L	APHA 2320 B	2
		<b>Ammonia as N</b>	<b>&lt;0.1</b> mg/L	LTM-W-042	0.1
		<b>Calcium (acid extractable)</b>	<b>73.0</b> mg/L	APHA 3030 E/3120 B	2
		<b>Chloride</b>	<b>524</b> mg/L	APHA 4110 B	1
		<b>Total Chlorinated Volatile Compounds</b>	<b>&lt;0.002</b> mg/L	Analysis by ALS Melb. (acc no. 992)	0.001
		<b>Conductivity</b>	<b>2070</b> µS/cm	APHA 2510 B	1
		<b>Fluoride</b>	<b>&lt;1</b> mg/L	APHA 4110 B	1
		<b>Iron (acid extractable)</b>	<b>2.40</b> mg/L	APHA 3030 E/3120 B	0.01
		<b>Magnesium (acid extractable)</b>	<b>31.0</b> mg/L	APHA 3030 E/3120 B	2
		<b>Manganese (acid extractable)</b>	<b>1.30</b> mg/L	APHA 3030 E/3120 B	0.001
		<b>Nitrate as N</b>	<b>&lt;1</b> mg/L	LTM-W-022	1

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22Apr-0164	<b>Tip Dam 4 Surface (Pending)</b> 13.04.22 7.01am	<b>Phenolics - Total</b>	<b>0.6</b> mg/L	* APHA 5530 D	0.2
		<b>pH</b>	<b>7.2</b> pH units	APHA 4500-H+ B	
		<b>Potassium (acid extractable)</b>	<b>46.0</b> mg/L	APHA 3030 E/3120 B	2
		<b>Sodium (acid extractable)</b>	<b>320</b> mg/L	APHA 3030 E/3120 B	2
		<b>Refer to ALS Report Number:</b>	<b>22-44240</b>	Analysis by ALS, Melbourne (acc no: 992)	
		<b>Sulphate</b>	<b>57.1</b> mg/L	APHA 4110 B	5
		<b>Total Organic Carbon</b>	<b>26</b> mg/L	Analysis by ALS Melbourne (acc no: 992)	
		<b>Total Suspended Solids</b>	<b>48</b> mg/L	APHA 2540 D	2

**Note:**

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

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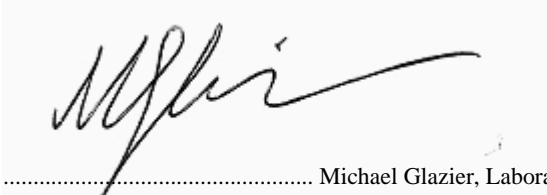
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	Date/Time sample taken				

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*