

Cootamundra Gundagai Regional Council

Thursday, March 3, 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: 2201-0054

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For all enquiries related to this report please quote document number: 2201-0054

<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>			
		19-January-2022			
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>			
Groundwater	Client	19-January-2022			
<u>EAL ID</u>	<u>Client ID.</u>	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
22Jan-0154	Tip Dam 1 Surface (EPA Pt1) 11.01.22 7.21am	Alkalinity, Total as CaCO3	73 mg/L	APHA 2320 B	2
		Ammonia as N	<0.1 mg/L	LTM-W-042	0.1
		Calcium (acid extractable)	14.6 mg/L	APHA 3030 E/3120 B	2
		Chloride	36.4 mg/L	APHA 4110 B	0.1
		Total Chlorinated Volatile Compounds	<0.002 mg/L	Analysis by ALS Melb. (acc no. 992)	0.001
		Conductivity	295 µS/cm	APHA 2510 B	1
		Fluoride	<1 mg/L	APHA 4110 B	1
		Iron (acid extractable)	2.23 mg/L	APHA 3030 E/3120 B	0.01
		Magnesium (acid extractable)	5.81 mg/L	APHA 3030 E/3120 B	2
		Manganese (acid extractable)	0.663 mg/L	APHA 3030 E/3120 B	0.001
		Nitrate as N	<1 mg/L	LTM-W-022	1
		Phenolics - Total	0.8 mg/L	* APHA 5530 D	0.2
		pH	7.0 pH units	APHA 4500-H+ B	
		Potassium (acid extractable)	13.2 mg/L	APHA 3030 E/3120 B	2
		Sodium (acid extractable)	19.5 mg/L	APHA 3030 E/3120 B	2
		Refer to ALS Report Number:	22-05554	Analysis by ALS, Melbourne (acc no. 992)	
		Sulphate	12 mg/L	APHA 4110 B	5
		Total Organic Carbon	25 mg/L	Analysis by ALS Melbourne (acc no. 992)	
		Total Suspended Solids	118 mg/L	APHA 2540 D	2
22Jan-0155	Tip Dam 2 Surface (EPA Pt4) 11.01.22 7.21am				

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>			
Groundwater	Client	19-January-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>
22Jan-0155	Tip Dam 2 Surface (EPA Pt4) 11.01.22 7.21am	Cyanide	0.003 mg/L	* APHA 4500-CN E	0.002
		Phenolics - Total	3.2 mg/L	* APHA 5530 D	0.2
		Refer to ALS Report Number:	22-05554	Analysis by ALS, Melbourne (acc no. 992)	
22Jan-0156	Tip Dam 3 Surface (EPA Pt5) 11.01.22 7.21am	Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Phenolics - Total	1.0 mg/L	* APHA 5530 D	0.2
		Refer to ALS Report Number:	22-05554	Analysis by ALS, Melbourne (acc no. 992)	
22Jan-0157	Tip Dam 4 Surface (Pending) 11.01.22 7.21am	Alkalinity, Total as CaCO3	59 mg/L	APHA 2320 B	2
		Ammonia as N	0.2 mg/L	LTM-W-042	0.1
		Calcium (acid extractable)	14.8 mg/L	APHA 3030 E/3120 B	2
		Chloride	54.7 mg/L	APHA 4110 B	0.1
		Total Chlorinated Volatile Compounds	<0.002 mg/L	Analysis by ALS Melb. (acc no. 992)	0.001
		Conductivity	355 µS/cm	APHA 2510 B	1
		Fluoride	<1 mg/L	APHA 4110 B	1
		Iron (acid extractable)	1.88 mg/L	APHA 3030 E/3120 B	0.01
		Magnesium (acid extractable)	5.81 mg/L	APHA 3030 E/3120 B	2
		Manganese (acid extractable)	0.361 mg/L	APHA 3030 E/3120 B	0.001
		Nitrate as N	2 mg/L	LTM-W-022	1

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22Jan-0157	Tip Dam 4 Surface (Pending) 11.01.22 7.21am	Phenolics - Total	0.9 mg/L	* APHA 5530 D	0.2
		pH	7.0 pH units	APHA 4500-H+ B	
		Potassium (acid extractable)	13.4 mg/L	APHA 3030 E/3120 B	2
		Sodium (acid extractable)	28.6 mg/L	APHA 3030 E/3120 B	2
		Refer to ALS Report Number:	22-05554	Analysis by ALS, Melbourne (acc no: 992)	
		Sulphate	20 mg/L	APHA 4110 B	5
		Total Organic Carbon	21 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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<u>EAL ID</u>	<u>Client ID.</u>	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
	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*