

Cootamundra Gundagai Regional Council

Wednesday, August 17, 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: 2207-0044

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For all enquiries related to this report please quote document number: 2207-0044

<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		15-July-2022
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Surface Water	G. Finucane	15-July-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>
22Jul-0138	Tip Dam 1 Surface (EPA Pt1) 12.07.22 07.30am	Alkalinity, Total as CaCO3	73 mg/L	APHA 2320 B	2
		Ammonia as N	0.7 mg/L	LTM-W-042	0.1
		Calcium (dissolved)	25.0 mg/L	APHA 3030 B/3120 B	2
		Chloride	170 mg/L	APHA 4110 B	1
		Total Chlorinated Volatile Compounds	<0.002 mg/L	Analysis by ALS Melb. (acc no. 992)	0.001
		Conductivity	907 µS/cm	APHA 2510 B	1
		Fluoride	<1 mg/L	APHA 4110 B	1
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Magnesium (dissolved)	13.0 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/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	7.4 pH units	APHA 4500-H+ B	
		Potassium (dissolved)	21.0 mg/L	APHA 3030 B/3120 B	2
		Sodium (dissolved)	150 mg/L	APHA 3030 B/3120 B	2
		Refer to ALS Report Number:	22-56480	Analysis by ALS, Melbourne (acc no. 992)	
		Sulphate	19 mg/L	APHA 4110 B	5
		Total Organic Carbon	14 mg/L	Analysis by ALS Melbourne (acc no. 992)	
		Total Suspended Solids	17 mg/L	APHA 2540 D	2

22Jul-0139 **Tip Dam 2 Surface (EPA Pt4)**
12.07.22 07.35am

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Surface Water	G. Finucane	15-July-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>
22Jul-0139	Tip Dam 2 Surface (EPA Pt4) 12.07.22 07.35am	Cyanide	0.004 mg/L	* APHA 4500-CN E	0.002
		Phenolics - Total	1.3 mg/L	* APHA 5530 D	0.2
		Refer to ALS Report Number:	22-56480	Analysis by ALS, Melbourne (acc no. 992)	
22Jul-0140	Tip Dam 3 Surface (EPA Pt5) 12.07.22 07.40am	Cyanide	0.003 mg/L	* APHA 4500-CN E	0.002
		Phenolics - Total	0.5 mg/L	* APHA 5530 D	0.2
		Refer to ALS Report Number:	22-56480	Analysis by ALS, Melbourne (acc no. 992)	
22Jul-0141	Tip Dam 4 Surface (Pending) 12.07.22 07.45am	Alkalinity, Total as CaCO3	73 mg/L	APHA 2320 B	2
		Ammonia as N	0.8 mg/L	LTM-W-042	0.1
		Calcium (dissolved)	35.0 mg/L	APHA 3030 B/3120 B	2
		Chloride	291 mg/L	APHA 4110 B	1
		Total Chlorinated Volatile Compounds	<0.002 mg/L	Analysis by ALS Melb. (acc no. 992)	0.001
		Conductivity	1450 µS/cm	APHA 2510 B	1
		Fluoride	<1 mg/L	APHA 4110 B	1
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Magnesium (dissolved)	19.0 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Nitrate as N	2 mg/L	LTM-W-022	1

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22Jul-0141	Tip Dam 4 Surface (Pending) 12.07.22 07.45am	Phenolics - Total	0.8 mg/L	* APHA 5530 D	0.2
		pH	7.3 pH units	APHA 4500-H+ B	
		Potassium (dissolved)	29.0 mg/L	APHA 3030 B/3120 B	2
		Sodium (dissolved)	180 mg/L	APHA 3030 B/3120 B	2
		Refer to ALS Report Number:	22-56480	Analysis by ALS, Melbourne (acc no: 992)	
		Sulphate	3 mg/L	APHA 4110 B	5
		Total Organic Carbon	18 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Total Suspended Solids	38 mg/L	APHA 2540 D	2

Note:

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

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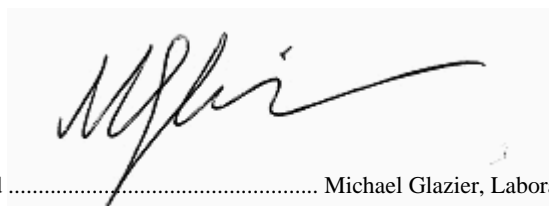
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Signed Michael Glazier, Laboratory Manager.



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