

Cootamundra Gundagai Regional Council

Monday, September 20, 2021

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: 2107-0059

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For all enquiries related to this report please quote document number: 2107-0059

<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>			
		15-July-2021			
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>			
Surface Water	G. Finucane	15-July-2021			
<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>
21Jul-0195	Tip Dam 1 Surface (EPA Pt 1) 13.07.21 9.38am	Alkalinity, Total as CaCO₃	61 mg/L	APHA 2320 B	2
		Ammonia as N	<0.1 mg/L	LTM-W-042	0.1
		Calcium (acid extractable)	15.4 mg/L	APHA 3030 E/3120 B	2
		Chloride	45 mg/L	APHA 4110 B	1
		Total Chlorinated Volatile Compounds	<0.002 mg/L	Analysis by ALS Melb. (acc no. 992)	0.001
		Conductivity	431 µS/cm	APHA 2510 B	1
		Fluoride	<1 mg/L	APHA 4110 B	1
		Iron (acid extractable)	1.03 mg/L	APHA 3030 E/3120 B	0.01
		Magnesium (acid extractable)	7.13 mg/L	APHA 3030 E/3120 B	2
		Manganese (acid extractable)	0.135 mg/L	APHA 3030 E/3120 B	0.001
		Nitrate as N	<0.1 mg/L	LTM-W-022	0.1
		Phenolics - Total	<0.2 mg/L	* APHA 5530 D	0.2
		pH	6.8 pH units	APHA 4500-H+ B	
		Potassium (acid extractable)	13.2 mg/L	APHA 3030 E/3120 B	2
		Sodium (acid extractable)	44.3 mg/L	APHA 3030 E/3120 B	2
		Refer to ALS Report Number:	21-35401	Analysis by ALS, Melbourne (acc no. 992)	
		Sulphate	14.4 mg/L	APHA 4110 B	0.5
		Total Organic Carbon	10 mg/L	Analysis by ALS Melbourne (acc no. 992)	
		Total Suspended Solids	13 mg/L	APHA 2540 D	2
21Jul-0196	Tip Dam 2 Surface (EPA Pt 4) 13.07.21 9.51am				

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Surface Water	G. Finucane	15-July-2021

<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>
21Jul-0196	Tip Dam 2 Surface (EPA Pt 4) 13.07.21 9.51am	Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Phenolics - Total	0.3 mg/L	* APHA 5530 D	0.2
		Refer to ALS Report Number:	21-35401	Analysis by ALS, Melbourne (acc no. 992)	
21Jul-0197	Tip Dam 3 Surface (EPA Pt 5) 13.07.21 9.46am	Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Phenolics - Total	0.3 mg/L	* APHA 5530 D	0.2
		Refer to ALS Report Number:	21-35401	Analysis by ALS, Melbourne (acc no. 992)	
21Jul-0198	Tip Dam 4 Surface (Pending) 13.07.21 9.32am	Alkalinity, Total as CaCO3	65 mg/L	APHA 2320 B	2
		Ammonia as N	0.6 mg/L	LTM-W-042	0.1
		Calcium (acid extractable)	19.4 mg/L	APHA 3030 E/3120 B	2
		Chloride	150 mg/L	APHA 4110 B	1
		Total Chlorinated Volatile Compounds	<0.002 mg/L	Analysis by ALS Melb. (acc no. 992)	0.001
		Conductivity	655 µS/cm	APHA 2510 B	1
		Fluoride	<1 mg/L	APHA 4110 B	1
		Iron (acid extractable)	1.91 mg/L	APHA 3030 E/3120 B	0.01
		Magnesium (acid extractable)	9.42 mg/L	APHA 3030 E/3120 B	2
		Manganese (acid extractable)	0.392 mg/L	APHA 3030 E/3120 B	0.001
		Nitrate as N	0.4 mg/L	LTM-W-022	0.1

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21Jul-0198	Tip Dam 4 Surface (Pending) 13.07.21 9.32am	Phenolics - Total	<0.2 mg/L	* APHA 5530 D	0.2
		pH	6.9 pH units	APHA 4500-H+ B	
		Potassium (acid extractable)	17.0 mg/L	APHA 3030 E/3120 B	2
		Sodium (acid extractable)	74.7 mg/L	APHA 3030 E/3120 B	2
		Refer to ALS Report Number:	21-35401	Analysis by ALS, Melbourne (acc no: 992)	
		Sulphate	17.9 mg/L	APHA 4110 B	0.5
		Total Organic Carbon	12 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Total Suspended Solids	13 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.
The EAL takes no responsibility for the end use of results within this report.
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