

DM McMahon Pty Ltd  
PO Box 6118 6 Jones Street  
Wagga Wagga NSW 2650  
Attention: David McMahon

Thursday, February 9, 2023



NATA Accredited Laboratory  
Number: 9597

Accredited for compliance with  
ISO/IEC 17025 - Testing

## LABORATORY ANALYSIS REPORT

Report Number: 2302-0001

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For all enquiries related to this report please quote document number: 2302-0001

<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
	9094	01-February-2023
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Z. Delaney	01-February-2023

<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>
23Feb-0001	<b>Point 5 - Outlet Pipe</b> 31.01.23 9.55am	<b>Ammonia as N</b>	<0.1 mg/L	LTM-W-042	0.1
		<b>Biochemical Oxygen Demand</b>	<2 mg/L	APHA 5210 B/4500-O G	2
		<b>Calcium (dissolved)</b>	16.1 mg/L	APHA 3030 B/3120 B	2
		<b>Faecal coliforms</b>	<1 cfu/100mL	* AS/NZS 4276.7:2007	
		<b>Conductivity</b>	492 µS/cm	APHA 2510 B	1
		<b>Magnesium (dissolved)</b>	21.0 mg/L	APHA 3030 B/3120 B	2
		<b>Nitrogen, total</b>	4 mg/L	* APHA 4500-Norg B + 4110 B	2
		<b>Nitrate/Nitrite as N</b>	4.2 mg/L	LTM-W-014	0.1
		<b>Oil &amp; Grease</b>	1 mg/L	APHA 5520 D	1
		<b>Phosphorus, Total</b>	3.05 mg/L	LTM-W-030	0.01
		<b>pH</b>	7.1 pH units	APHA 4500-H+ B	
		<b>Sodium Adsorption Ratio</b>	2 Ratio	LTM-W-039	
		<b>Sodium (dissolved)</b>	41.8 mg/L	APHA 3030 B/3120 B	2
		<b>Total Kjeldahl Nitrogen</b>	<2 mg/L	LTM-W-034	2
		<b>Total Suspended Solids</b>	<2 mg/L	APHA 2540 D	2

23Feb-0002	<b>Point 6 - Bidgee Bank Golf Reuse</b> 31.01.23 10.05am	<b>Ammonia as N</b>	<0.1 mg/L	LTM-W-042	0.1
		<b>Biochemical Oxygen Demand</b>	<2 mg/L	APHA 5210 B/4500-O G	2
		<b>Calcium (dissolved)</b>	16.7 mg/L	APHA 3030 B/3120 B	2
		<b>Faecal coliforms</b>	<1 cfu/100mL	* AS/NZS 4276.7:2007	
		<b>Conductivity</b>	580 µS/cm	APHA 2510 B	1

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	9094	01-February-2023
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Z. Delaney	01-February-2023

<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>
23Feb-0002	<b>Point 6 - Bidgee Bank Golf Reuse</b> 31.01.23 10.05am	<b>Magnesium (dissolved)</b>	22.6 mg/L	APHA 3030 B/3120 B	2
		<b>Nitrogen, total</b>	6 mg/L	* APHA 4500-Norg B + 4110 B	2
		<b>Nitrate/Nitrite as N</b>	6.3 mg/L	LTM-W-014	0.1
		<b>Oil &amp; Grease</b>	1 mg/L	APHA 5520 D	1
		<b>Phosphorus, Total</b>	1.72 mg/L	LTM-W-030	0.01
		<b>pH</b>	7.3 pH units	APHA 4500-H+ B	
		<b>Sodium Adsorption Ratio</b>	2 Ratio	LTM-W-039	
		<b>Sodium (dissolved)</b>	50.0 mg/L	APHA 3030 B/3120 B	2
		<b>Total Kjeldahl Nitrogen</b>	<2 mg/L	LTM-W-034	2
		<b>Total Suspended Solids</b>	<2 mg/L	APHA 2540 D	2
23Feb-0003	<b>Point 7 - Oval Reuse</b> 31.01.23 10.05am	<b>Ammonia as N</b>	<0.1 mg/L	LTM-W-042	0.1
		<b>Biochemical Oxygen Demand</b>	<2 mg/L	APHA 5210 B/4500-O G	2
		<b>Calcium (dissolved)</b>	17.2 mg/L	APHA 3030 B/3120 B	2
		<b>Faecal coliforms</b>	<1 cfu/100mL	* AS/NZS 4276.7:2007	
		<b>Conductivity</b>	581 µS/cm	APHA 2510 B	1
		<b>Magnesium (dissolved)</b>	23.2 mg/L	APHA 3030 B/3120 B	2
		<b>Nitrogen, total</b>	6 mg/L	* APHA 4500-Norg B + 4110 B	2
		<b>Nitrate/Nitrite as N</b>	6.3 mg/L	LTM-W-014	0.1
		<b>Oil &amp; Grease</b>	<1 mg/L	APHA 5520 D	1
		<b>Phosphorus, Total</b>	1.70 mg/L	LTM-W-030	0.01

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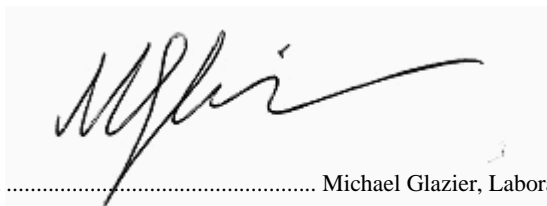
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Water	Z. Delaney	01-February-2023

<b>EAL ID</b>	<b>Client ID.</b> Date/Time sample taken	<b>Test</b>	<b>Result (units)</b>	<b>Method Reference</b>	<b>Limit of Reporting</b>
23Feb-0003	<b>Point 7 - Oval Reuse</b> 31.01.23 10.05am	<b>pH</b>	<b>7.3</b> pH units	APHA 4500-H+ B	
		<b>Sodium Adsorption Ratio</b>	<b>2</b> Ratio	LTM-W-039	
		<b>Sodium (dissolved)</b>	<b>51.0</b> mg/L	APHA 3030 B/3120 B	2
		<b>Total Kjeldahl Nitrogen</b>	<b>&lt;2</b> mg/L	LTM-W-034	2
		<b>Total Suspended Solids</b>	<b>&lt;2</b> mg/L	APHA 2540 D	2

**Note:**

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



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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