

Hay Shire Council

PO Box 141

Hay NSW 2711

Attention:

Tuesday, August 8, 2017



NATA Accredited Laboratory
Number: 9597

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LABORATORY ANALYSIS REPORT

Report Number: 1707-0076

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For all enquiries related to this report please quote document number: 1707-0076

<u>Facility:</u>	<u>Order #</u>	<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water			T Davies	21-July-2017

<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>
17Jul-0219	Piezo 10 20.07.17 1.40pm	Ammonia as N	<0.1 mg/L	APHA 4500-NH3 F	0.1
		Chloride	693 mg/L	APHA 4110 B	1
		Chemical Oxygen Demand	<10 mg/L	APHA 5220 D	10
		Conductivity	3880 µS/cm	APHA 2510 B	1
		Nitrogen, total	31 mg/L	APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	30.8 mg/L	LTM-W-014	0.5
		Phosphorus, Total	<0.01 mg/L	APHA 3030 E/3120 B	0.01
		pH	8.2 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	<2 mg/L	APHA 4500-Norg B	2
		Total Organic Carbon	2.7 mg/L	Analysis by Ecowise, Melbourne (acc no: 992)	
		Total Suspended Solids	3 mg/L	APHA 2540 D	2
17Jul-0220	Piezo 12 20.07.17 1.40pm	Ammonia as N	<0.1 mg/L	APHA 4500-NH3 F	0.1
		Chloride	189 mg/L	APHA 4110 B	0.5
		Chemical Oxygen Demand	13 mg/L	APHA 5220 D	10
		Conductivity	1480 µS/cm	APHA 2510 B	1
		Nitrogen, total	<2 mg/L	APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	0.4 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	APHA 3030 E/3120 B	0.01
		pH	7.8 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	<2 mg/L	APHA 4500-Norg B	2

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Sample Type	Collected By	
Water	T Davies	21-July-2017

EAL ID	Client ID Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
17Jul-0220	Piezo 12 20.07.17 1.40pm	Total Organic Carbon	8.4 mg/L	Analysis by Ecowise, Melbourne (acc no: 992)	
		Total Suspended Solids	7 mg/L	APHA 2540 D	2
17Jul-0221	Piezo 14 20.07.17 1.40pm	Ammonia as N	<0.1 mg/L	APHA 4500-NH3 F	0.1
		Chloride	1700 mg/L	APHA 4110 B	5
		Chemical Oxygen Demand	22 mg/L	APHA 5220 D	10
		Conductivity	9140 µS/cm	APHA 2510 B	1
		Nitrogen, total	4 mg/L	APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	4.3 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	APHA 3030 E/3120 B	0.01
		pH	8.0 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	<2 mg/L	APHA 4500-Norg B	2
		Total Organic Carbon	5.5 mg/L	Analysis by Ecowise, Melbourne (acc no: 992)	
		Total Suspended Solids	20 mg/L	APHA 2540 D	2
17Jul-0222	Piezo 15 20.07.17 1.40pm	Ammonia as N	1.2 mg/L	APHA 4500-NH3 F	0.1
		Chloride	1040 mg/L	APHA 4110 B	2
		Chemical Oxygen Demand	20 mg/L	APHA 5220 D	10
		Conductivity	3810 µS/cm	APHA 2510 B	1
		Nitrogen, total	6 mg/L	APHA 4500-Norg B + 4110 B	2

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Water	T Davies	21-July-2017

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17Jul-0222	Piezo 15 20.07.17 1.40pm	Nitrate/Nitrite as N	1.0 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.67 mg/L	APHA 3030 E/3120 B	0.01
		pH	7.8 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	5 mg/L	APHA 4500-Norg B	2
		Total Organic Carbon	5.0 mg/L	Analysis by Ecowise, Melbourne (acc no: 992)	
		Total Suspended Solids	34 mg/L	APHA 2540 D	2
17Jul-0223	Piezo 16 20.07.17 1.40pm	Ammonia as N	0.8 mg/L	APHA 4500-NH3 F	0.1
		Chloride	285 mg/L	APHA 4110 B	1
		Chemical Oxygen Demand	25 mg/L	APHA 5220 D	10
		Conductivity	1230 µS/cm	APHA 2510 B	1
		Nitrogen, total	6 mg/L	APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	0.8 mg/L	LTM-W-014	0.1
		Phosphorus, Total	1.64 mg/L	APHA 3030 E/3120 B	0.01
		pH	7.7 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	5 mg/L	APHA 4500-Norg B	2
		Total Organic Carbon	10 mg/L	Analysis by Ecowise, Melbourne (acc no: 992)	
		Total Suspended Solids	14 mg/L	APHA 2540 D	2
17Jul-0224	Piezo 17 20.07.17 1.40pm	Ammonia as N	<0.1 mg/L	APHA 4500-NH3 F	0.1

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Water	T Davies	21-July-2017

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
17Jul-0224	Piezo 17 20.07.17 1.40pm	Chloride	747 mg/L	APHA 4110 B	2
		Chemical Oxygen Demand	41 mg/L	APHA 5220 D	10
		Conductivity	3890 µS/cm	APHA 2510 B	1
		Nitrogen, total	6 mg/L	APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	3.2 mg/L	LTM-W-014	0.1
		Phosphorus, Total	3.00 mg/L	APHA 3030 E/3120 B	0.01
		pH	7.9 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	3 mg/L	APHA 4500-Norg B	2
		Total Organic Carbon	15 mg/L	Analysis by Ecowise, Melbourne (acc no: 992)	
		Total Suspended Solids	86 mg/L	APHA 2540 D	2
17Jul-0225	Piezo 18 20.07.17 1.40pm	Ammonia as N	<0.1 mg/L	APHA 4500-NH3 F	0.1
		Chloride	4180 mg/L	APHA 4110 B	5
		Chemical Oxygen Demand	112 mg/L	APHA 5220 D	10
		Conductivity	14400 µS/cm	APHA 2510 B	1
		Nitrogen, total	5 mg/L	APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	4.9 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.41 mg/L	APHA 3030 E/3120 B	0.01
		pH	7.7 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	<2 mg/L	APHA 4500-Norg B	2
		Total Organic Carbon	8.0 mg/L	Analysis by Ecowise, Melbourne (acc no: 992)	

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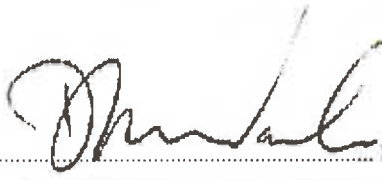
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Water	T Davies		21-July-2017		
<u>EAL ID</u>	<u>Client ID</u>	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
	Date/Time sample taken				
17Jul-0225	Piezo 18 20.07.17 1.40pm	Total Suspended Solids	64 mg/L	APHA 2540 D	2

*Note:**NATA accreditation not held for tests marked with **Signed  David Wade, 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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