

Hay Shire Council

PO Box 141

Hay NSW 2711

Attention:

Wednesday, May 11, 2016



NATA Accredited Laboratory
Number: 9597

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LABORATORY ANALYSIS REPORT

Report Number:1604-0130

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For all enquiries related to this report please quote document number: 1604-0130

<u>Facility:</u>	<u>Order #</u>	
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Tony	28-April-2016

<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>
16Apr-0487	Piezo 10 27.04.16 10.30am	Ammonia as N	<0.1 mg/L	APHA 4500-NH3 F	0.1
		Chloride	920 mg/L	APHA 4110 B	1
		Chemical Oxygen Demand	<10 mg/L	APHA 5220 D	10
		Conductivity	4220 µS/cm	APHA 2510 B	1
		Nitrate as N	32 mg/L	APHA 4110 B	1
		Nitrogen, total	32 mg/L	APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	32 mg/L	APHA 4110 B	1
		Ortho-Phosphate as P	0.13 mg/L	APHA 4500-P E	0.01
		Phosphorus, Total	0.64 mg/L	APHA 3030 E/3120 B	0.01
		pH	8.1 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	<2 mg/L	APHA 4500-Norg B	2
		Total Organic Carbon	2.6 mg/L	Analysis by Ecowise, Melbourne (acc no: 992)	
		Total Suspended Solids	952 mg/L	APHA 2540 D	2

16Apr-0488	Piezo 14 27.04.16 10.45am	Ammonia as N	<0.1 mg/L	APHA 4500-NH3 F	0.1
		Chloride	2500 mg/L	APHA 4110 B	1
		Chemical Oxygen Demand	42 mg/L	APHA 5220 D	10
		Conductivity	9700 µS/cm	APHA 2510 B	1
		Nitrate as N	1 mg/L	APHA 4110 B	1
		Nitrogen, total	9 mg/L	APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	1 mg/L	APHA 4110 B	1

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16Apr-0488	Piezo 14 27.04.16 10.45am	Ortho-Phosphate as P	0.07 mg/L	APHA 4500-P E	0.01
		Phosphorus, Total	0.08 mg/L	APHA 3030 E/3120 B	0.01
		pH	8.0 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	8 mg/L	APHA 4500-Norg B	2
		Total Organic Carbon	4.5 mg/L	Analysis by Ecovise, Melbourne (acc no: 992)	
		Total Suspended Solids	95 mg/L	APHA 2540 D	2
16Apr-0489	Piezo 15 27.04.16 11.10am	Ammonia as N	4.7 mg/L	APHA 4500-NH3 F	0.1
		Chloride	1570 mg/L	APHA 4110 B	1
		Chemical Oxygen Demand	41 mg/L	APHA 5220 D	10
		Conductivity	5850 µS/cm	APHA 2510 B	1
		Nitrate as N	<1 mg/L	APHA 4110 B	1
		Nitrogen, total	11 mg/L	APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<1 mg/L	APHA 4110 B	1
		Ortho-Phosphate as P	1.74 mg/L	APHA 4500-P E	0.01
		Phosphorus, Total	2.07 mg/L	APHA 3030 E/3120 B	0.01
		pH	7.3 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	11 mg/L	APHA 4500-Norg B	2
		Total Organic Carbon	4.6 mg/L	Analysis by Ecovise, Melbourne (acc no: 992)	
		Total Suspended Solids	36 mg/L	APHA 2540 D	2

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16Apr-0490	Piezo 16 27.04.16 10.50am	Ammonia as N	4.3 mg/L	APHA 4500-NH3 F	0.1
		Chloride	170 mg/L	APHA 4110 B	1
		Chemical Oxygen Demand	54 mg/L	APHA 5220 D	10
		Conductivity	806 µS/cm	APHA 2510 B	1
		Nitrate as N	<1 mg/L	APHA 4110 B	1
		Nitrogen, total	11 mg/L	APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<1 mg/L	APHA 4110 B	1
		Ortho-Phosphate as P	1.13 mg/L	APHA 4500-P E	0.01
		Phosphorus, Total	1.25 mg/L	APHA 3030 E/3120 B	0.01
		pH	7.3 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	11 mg/L	APHA 4500-Norg B	2
		Total Organic Carbon	12 mg/L	Analysis by Ecowise, Melbourne (acc no: 992)	
		Total Suspended Solids	54 mg/L	APHA 2540 D	2

16Apr-0491	Piezo 17 27.04.16 10.00am	Ammonia as N	<0.1 mg/L	APHA 4500-NH3 F	0.1
		Chloride	1190 mg/L	APHA 4110 B	1
		Chemical Oxygen Demand	27 mg/L	APHA 5220 D	10
		Conductivity	5510 µS/cm	APHA 2510 B	1
		Nitrate as N	2 mg/L	APHA 4110 B	1
		Nitrogen, total	6 mg/L	APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	2 mg/L	APHA 4110 B	1

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16Apr-0491	Piezo 17 27.04.16 10.00am	Ortho-Phosphate as P	0.65 mg/L	APHA 4500-P E	0.01
		Phosphorus, Total	0.67 mg/L	APHA 3030 E/3120 B	0.01
		pH	8.4 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	4 mg/L	APHA 4500-Norg B	2
		Total Organic Carbon	5.5 mg/L	Analysis by Ecovise, Melbourne (acc no: 992)	
		Total Suspended Solids	54 mg/L	APHA 2540 D	2
16Apr-0492	Piezo 18 27.04.16 11.00am	Ammonia as N	0.4 mg/L	APHA 4500-NH3 F	0.1
		Chloride	6270 mg/L	APHA 4110 B	5
		Chemical Oxygen Demand	69 mg/L	APHA 5220 D	10
		Conductivity	21000 µS/cm	APHA 2510 B	1
		Nitrate as N	6 mg/L	APHA 4110 B	1
		Nitrogen, total	13 mg/L	APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	6 mg/L	APHA 4110 B	1
		Ortho-Phosphate as P	0.40 mg/L	APHA 4500-P E	0.01
		Phosphorus, Total	0.42 mg/L	APHA 3030 E/3120 B	0.01
		pH	7.6 pH units	APHA 4500-H+ B	
		Total Kjeldahl Nitrogen	7 mg/L	APHA 4500-Norg B	2
		Total Organic Carbon	4.2 mg/L	Analysis by Ecovise, Melbourne (acc no: 992)	
		Total Suspended Solids	54 mg/L	APHA 2540 D	2

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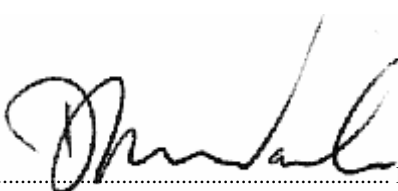
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Note:

*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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This report replaces any previously issued report*