

Twynam Pastoral Company Pty Limited
The Mount Bedgerabong Road
Forbes NSW 2871
Attention: Michael Fisher

Thursday, July 10, 2014



NATA Accredited Laboratory
Number: 9597

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LABORATORY ANALYSIS REPORT

Report Number: 1406-0135

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<u>Facility:</u>	<u>Order #</u>	<u>Date Received</u>
<u>Sample Type</u>	<u>Collected By</u>	
Water	P Paradise	30-June-2014

<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>
14Jun-0441	9137 - 9403 29.06.14	Alkalinity, Bicarbonate as CaCO ₃	367 mg/L	APHA 2320 B	2
		Alkalinity, Carbonate as CaCO ₃	<2 mg/L	APHA 2320 B	2
		Ammonia as N	0.3 mg/L	APHA 4500-NH ₃ F	0.2
		Calcium (dissolved)	62.5 mg/L	APHA 3030 B/3120 B	0.03
		Chloride	1440 mg/L	APHA 4110 B	0.5
		Conductivity	4980 µS/cm	APHA 2510 B	1
		Nitrate as N	4.0 mg/L	APHA 4110 B	0.5
		Nitrite as N	<0.5 mg/L	APHA 4110 B	0.5
		Phosphorus, Total	0.79 mg/L	APHA 4500-P B5/4500-P E	0.01
		pH	6.8 pH units	APHA 4500-H+ B	
		Potassium (dissolved)	63.8 mg/L	APHA 3030 B/3120 B	0.2
		Sodium (dissolved)	691 mg/L	APHA 3030 B/3120 B	0.5
		Sulphate	104 mg/L	APHA 4110 B	3
14Jun-0442	9138 - FB 29.06.14	Alkalinity, Bicarbonate as CaCO ₃	173 mg/L	APHA 2320 B	2
		Alkalinity, Carbonate as CaCO ₃	<2 mg/L	APHA 2320 B	2
		Ammonia as N	<0.2 mg/L	APHA 4500-NH ₃ F	0.2
		Calcium (dissolved)	60.5 mg/L	APHA 3030 B/3120 B	0.03
		Chloride	288 mg/L	APHA 4110 B	0.5
		Conductivity	1370 µS/cm	APHA 2510 B	1
		Nitrate as N	4.9 mg/L	APHA 4110 B	0.5
		Nitrite as N	<0.5 mg/L	APHA 4110 B	0.5

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14Jun-0442	9138 - FB 29.06.14	Phosphorus, Total	0.02 mg/L	APHA 4500-P B5/4500-P E	0.01
		pH	6.6 pH units	APHA 4500-H+ B	
		Potassium (dissolved)	2.4 mg/L	APHA 3030 B/3120 B	0.2
		Sodium (dissolved)	117 mg/L	APHA 3030 B/3120 B	0.05
		Sulphate	43.8 mg/L	APHA 4110 B	3
14Jun-0443	9139 - AB4 29.06.14	Alkalinity, Bicarbonate as CaCO ₃	165 mg/L	APHA 2320 B	2
		Alkalinity, Carbonate as CaCO ₃	<2 mg/L	APHA 2320 B	2
		Ammonia as N	<0.2 mg/L	APHA 4500-NH ₃ F	0.2
		Calcium (dissolved)	21.6 mg/L	APHA 3030 B/3120 B	0.03
		Chloride	73.6 mg/L	APHA 4110 B	0.5
		Conductivity	633 µS/cm	APHA 2510 B	1
		Nitrate as N	1.1 mg/L	APHA 4110 B	0.5
		Nitrite as N	<0.5 mg/L	APHA 4110 B	0.5
		Phosphorus, Total	0.06 mg/L	APHA 4500-P B5/4500-P E	0.01
		pH	7.4 pH units	APHA 4500-H+ B	
		Potassium (dissolved)	0.6 mg/L	APHA 3030 B/3120 B	0.2
		Sodium (dissolved)	74.8 mg/L	APHA 3030 B/3120 B	0.05
		Sulphate	27.5 mg/L	APHA 4110 B	3
14Jun-0444	9140 - AB5 29.06.14	Alkalinity, Bicarbonate as CaCO ₃	177 mg/L	APHA 2320 B	2
		Alkalinity, Carbonate as CaCO ₃	<2 mg/L	APHA 2320 B	2

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Water	P Paradise	30-June-2014

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14Jun-0444	9140 - AB5 29.06.14	Ammonia as N	<0.2 mg/L	APHA 4500-NH3 F	0.2
		Calcium (dissolved)	26.6 mg/L	APHA 3030 B/3120 B	0.03
		Chloride	77.4 mg/L	APHA 4110 B	0.5
		Conductivity	687 µS/cm	APHA 2510 B	1
		Nitrate as N	1.3 mg/L	APHA 4110 B	0.5
		Nitrite as N	<0.5 mg/L	APHA 4110 B	0.5
		Phosphorus, Total	0.05 mg/L	APHA 4500-P B5/4500-P E	0.01
		pH	7.4 pH units	APHA 4500-H+ B	
		Potassium (dissolved)	0.7 mg/L	APHA 3030 B/3120 B	0.2
		Sodium (dissolved)	75.0 mg/L	APHA 3030 B/3120 B	0.05
		Sulphate	31.1 mg/L	APHA 4110 B	3
14Jun-0445	9141 - AB6 29.06.14	Alkalinity, Bicarbonate as CaCO3	119 mg/L	APHA 2320 B	2
		Alkalinity, Carbonate as CaCO3	<2 mg/L	APHA 2320 B	2
		Ammonia as N	0.3 mg/L	APHA 4500-NH3 F	0.2
		Calcium (dissolved)	14.0 mg/L	APHA 3030 B/3120 B	0.03
		Chloride	44.3 mg/L	APHA 4110 B	0.5
		Conductivity	423 µS/cm	APHA 2510 B	1
		Nitrate as N	0.2 mg/L	APHA 4110 B	0.5
		Nitrite as N	<0.5 mg/L	APHA 4110 B	0.5
		Phosphorus, Total	0.06 mg/L	APHA 4500-P B5/4500-P E	0.01
		pH	7.5 pH units	APHA 4500-H+ B	

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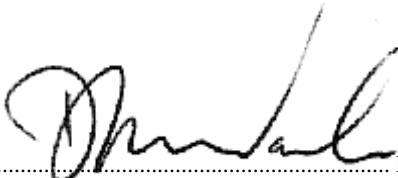
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14Jun-0445	9141 - AB6 29.06.14	Potassium (dissolved)	0.7 mg/L	APHA 3030 B/3120 B	0.2
		Sodium (dissolved)	52.4 mg/L	APHA 3030 B/3120 B	0.05
		Sulphate	16.6 mg/L	APHA 4110 B	3

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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