

Lakes Oil N.L.
 Level 11
 500 Collins Street
 MELBOURNE VIC 3000
 Australia



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Accreditation No 2013

Attention: Margaret Rhodes

Project 04PEAD04869

Customer Sample ID Wombat -1
 Sample Type Water

Test/Reference	Unit
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Salinity

Salinity	19.8
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WATER ANALYSIS

Test/Reference	Unit
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PROPERTIES: APHA 20th Ed

pH at Measured Temp.*	6.6
Measured Temp.*	°C 19.6
Electrical Conductivity @ 25°C*	µS/cm 31100
Resistivity @ 25°C*	M.Ohm 0.32

ANIONS mg/L APHA 20th ed

Hydroxide as OH*	mg/L	<1
Carbonate as CO ₃ *	mg/L	<1
Bicarbonate as HCO ₃ *	mg/L	400
Chloride as Cl*	mg/L	11460
Nitrate as NO ₃ *	mg/L	<0.1
Sulphate as SO ₄ *	mg/L	100
Total Anions*	mg/L	11960

ANIONS meq/L APHA 20th ed

Hydroxide as OH*	meq/L	<0.01
Carbonate as CO ₃ *	meq/L	<0.01
Bicarbonate as HCO ₃ *	meq/L	6.55
Chloride as Cl*	meq/L	322.82
Nitrate as NO ₃ *	meq/L	<0.01
Sulphate as SO ₄ *	meq/L	2.08
Total Anions*	meq/L	331.45

CATIONS mg/L APHA 20th ed

Potassium as K*	mg/L	3460
Sodium as Na*	mg/L	4660
Calcium as Ca*	mg/L	1384
Magnesium as Mg*	mg/L	7
Total Cations*	mg/L	9511

CATIONS meq/L APHA 20th ed

Potassium as K*	meq/L	88.49
Sodium as Na*	meq/L	202.70
Calcium as Ca*	meq/L	69.06
Magnesium as Mg*	meq/L	0.58
Total Cations*	meq/L	360.83

DERIVED PARAMETERS APHA 20th ed

Customer Sample ID
Sample Type

Wombat -1
Water

WATER ANALYSIS

Test/Reference	Unit	
Ion balance (Diff * 100/Sum)*	%	4.24
Acceptance Criteria*	%	5
Satisfactory*		Yes
Total Alkalinity (calc as CaCO3)*	mg/L	328
Total Cations + Anions*	mg/L	21471
Hardness (calc as CaCO3)*	mg/L	3485
Calculated Total Dissolved Solids	mg/L	19904

DERIVED PARAMETERS

If the ion balance in this sample is unsatisfactory it is most likely due to a component or components of the sample that is not within the scope of this analysis.

Authorised By: Valentina Pavlovic
Petroleum Chemist

Signature:

V. P. ...

Final Report

- Indicates Not Requested

* Indicates NATA Accredited Test

Samples will be discarded after 30 days unless otherwise notified.

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The samples were not collected by Amdel staff.