

Monthly Data Summary

LIDDELL MONTHLY DATA SUMMARY DECEMBER 2014

LICENCE NO	2122
LICENCE HOLDER	AGL MACQUARIE
REPORTING PERIOD	01 / 12/ 2014 to 31 / 12/ 2014

A1 Licence Holder

Licence Number 2122
Licence Holder AGL MACQUARIE
Trading Name (if applicable)
ABN 18 167 859 494

A2 Premises to which Licence Applies (if applicable)

Common Name (if any) LIDDELL POWER STATION
Premises NEW ENGLAND HIGHWAY MUSWELLBROOK NSW 2333

A3 Activities to which Licence Applies

Electricity Generating Works
Coal Works

A4 Other Activities (if applicable)

Helicopter-related facilities
Chemical storage
Operation of Emergency 1.5 MW diesel generator
Operation of Gas turbine
Sewage treatment
Waste storage

A5 Fee-Based Activity Classifications

Note that the fee based activity classification is used to calculate the administrative fee.

Fee-based activity	Activity scale	Unit of measure
Coal works	> 5,000,000.00	T handled
Generation of electrical power from coal	> 4,000.00	Gwh generated

Monthly Data Summary

Discharge & Monitoring Point 7

301204 East 6416350 North

Discharge to Air

In the flue gases of unit 1 boiler labelled as "Unit 1 Boiler 1-2 Chimney Stack" on plan no. LD 800474 amended 03 and dated 6/5/2003

Month	Date of Publication	Pollutant	Unit of measure	No. of samples required by licence	No. of samples you collected and analysed	Lowest sample value	Mean of sample	Highest sample value	EPL Limit	Notes
Dec-14	15/01/2015	Nitrogen Oxides	milligrams per cubic meter	Continuous	-	-	-	-	1500	Note
Dec-14	15/01/2015		parts per million			-	-	-	700	Note
Dec-14	15/01/2015	Sulphur dioxide	milligrams per cubic metre	Continuous	-	-	-	-	1600	Note
Dec-14	15/01/2015		parts per million			-	-	-	600	Note
Dec-14	15/01/2015	Opacity	percent %	Continuous	-	-	-	-	20.0%	Note

Comments:

Note - Unit 1 out of service for entire monitoring period

Discharge & Monitoring Point 8

301204 East 6416350 North

In the flue gases of unit 2 boiler labelled as "Unit 2 Boiler 1-2 Chimney Stack" on plan no LD800474 amended 03 and dated 6/5/2003

Month	Date of Publication	Pollutant	Unit of measure	No. of samples required by licence	No. of samples you collected and analysed	Lowest sample value	Mean of sample	Highest sample value	EPL Limit	Notes
Dec-14	15/01/2015	Nitrogen Oxides	milligrams per cubic meter	Continuous	>99%	353	618	789	1500	Note
Dec-14	15/01/2015		parts per million			172	301	384	700	Note
Dec-14	15/01/2015	Sulphur dioxide	milligrams per cubic metre	Continuous	>99%	836	1112	1446	1600	Note
Dec-14	15/01/2015		parts per million			292	389	506	600	Note
Dec-14	15/01/2015	Opacity	percent %	Continuous	>99%	0.0	0.8	17.4	20.0%	Note

Comments:

Note - Results from continuous emission monitor located on chimney stack, as part of EPL 2122

Monthly Data Summary

Discharge & Monitoring Point 9

301204 East 6416350 North

In the flue gases of unit 3 boiler labelled as "Unit 3 Boiler 3-4 Chimney Stack" on plan no LD800474 amended 03 and dated 6/5/2003

Month	Date of Publication	Pollutant	Unit of measure	No. of samples required by licence	No. of samples you collected and analysed	Lowest sample value	Mean of sample	Highest sample value	EPL Limit	Notes
Dec-14	15/01/2015	Nitrogen Oxides	milligrams per cubic meter	Continuous	>99%	352	493	639	1500	Note
Dec-14	15/01/2015		parts per million			171	240	311	700	Note
Dec-14	15/01/2015	Sulphur dioxide	milligrams per cubic metre	Continuous	>99%	734	1000	1385	1600	Note
Dec-14	15/01/2015		parts per million			257	350	485	600	Note
Dec-14	15/01/2015	Opacity	percent %	Continuous	>99%	3.8	6.0	16.9	20.0%	Note

Comments:

Note - Results from continuous emission monitor located on chimney stack, as part of EPL 2122

Discharge & Monitoring Point 10

301204 East 6416350 North

In the flue gases of unit 4 boiler labelled as "Unit 4 Boiler 3-4 Chimney Stack" on plan no LD800474 amended 03 and dated 6/5/2003

Month	Date of Publication	Pollutant	Unit of measure	No. of samples required by licence	No. of samples you collected and analysed	Lowest sample value	Mean of sample	Highest sample value	EPL Limit	Notes
Dec-14	15/01/2015	Nitrogen Oxides	milligrams per cubic meter	Continuous	>99%	255	577	776	1500	Note 1
Dec-14	15/01/2015		parts per million			124	281	378	700	Note1
Dec-14	15/01/2015	Sulphur dioxide	milligrams per cubic metre	Continuous	>99%	906	1148	1400	1600	Note 1
Dec-14	15/01/2015		parts per million			317	402	490	600	Note 1
Dec-14	15/01/2015	Solid Particles	percent Opacity	Continuous	>99%	1.9	3.6	6.5	20.0%	Note 1

Comments:

Note - Results from continuous emission monitor located on chimney stack, as part of EPL 2122

Monthly Data Summary

C2	Details of Non-Compliance with Licence
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Nil
Summary of particulars of the non-compliance (NO MORE THAN 50 WORDS)
NA
If required, further details on particulars of non-compliance
NA
Date(s) when the non-compliance occurred, if applicable
NA
If applicable, registration numbers of any vehicles or the chassis number of any mobile plant involved in the non-compliance
NA
Cause of non-compliance
NA
Action taken or that will be taken to mitigate any adverse effects of the non-compliance
NA
Action taken or that will be taken to prevent a recurrence of the non-compliance
NA