

Monthly Summary Report

EPL Number: 766

EPL Holder: EnergyAustralia NSW

EPL Name of facility: WALLERAWANG POWER STATION

EPL Address of facility: 1 MAIN STREET, WALLERAWANG, NSW 2845

EPL Website link: <http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=32970&SYSUID=1&LICID=766>

EPL Monitoring locations: <http://www.energyaustralia.com.au/servlet/Satellite?blobcol=urldata&blobheader=application%2Fpdf&blobheadname1=Content-Disposition&blobheadvalue1=attachment%3B+filename%3D%22Environment+monitoring+locations.pdf%22&blobkey=id&blobtable=MungoBlobs&blobwhere=1343703385873&ssbinary=true>

EPL Unit of measure abbreviations: <http://www.energyaustralia.com.au/servlet/Satellite?blobcol=urldata&blobheader=application%2Fpdf&blobheadname1=Content-Disposition&blobheadvalue1=attachment%3B+filename%3D%22License+Units+of+Measurement.pdf%22&blobkey=id&blobtable=MungoBlobs&blobwhere=1343703385887&ssbinary=true>

EPL Period monitored: December 2013

Monthly Summary Status: Complete: all monitoring data obtained

Licenced Monitoring Point Code	Pollutant	Unit of Measure	Monitoring Frequency	Number of times monitored in month	Min. Value	Mean Value	Median Value	Max. Value	100 Percentile limit	Exceedance	Published Date	Comment
LDP13	Carbon dioxide	%	Yearly	1	12.7	12.7	12.7	12.7		No	14/01/2014	
LDP1	Aluminium (dissolved)	mg/L	Weekly during any discharge							No	14/01/2014	Not sampled: due to no flow / no discharge.
LDP1	Aluminium (total)	mg/L	Weekly during any discharge							No	14/01/2014	Not sampled: due to no flow / no discharge.
LDP1	Arsenic	mg/L	Weekly during any discharge							No	14/01/2014	Not sampled: due to no flow / no discharge.
LDP1	Boron	mg/L	Weekly during any discharge							No	14/01/2014	Not sampled: due to no flow / no discharge.
LDP1	Conductivity	uS/cm	Weekly during any discharge						2900	No	14/01/2014	Not sampled: due to no flow / no discharge.
LDP1	Copper (dissolved)	mg/L	Weekly during any discharge							No	14/01/2014	Not sampled: due to no flow / no discharge.
LDP1	Copper (total)	mg/L	Weekly during any discharge							No	14/01/2014	Not sampled: due to no flow / no discharge.
LDP1	Fluoride	mg/L	Weekly during any discharge						3	No	14/01/2014	Not sampled: due to no flow / no discharge.
LDP1	Nickel	mg/L	Weekly during any discharge							No	14/01/2014	Not sampled: due to no flow / no discharge.
LDP1	pH	pH	Weekly during any discharge						6.5 to 9	No	14/01/2014	Not sampled: due to no flow / no discharge.

LDP1	Selenium	mg/L	Monthly during discharge							No	14/01/2014	Not sampled: due to no flow / no discharge.
LDP1	Sulphate	mg/L	Weekly during any discharge						1600	No	14/01/2014	Not sampled: due to no flow / no discharge.
LDP1	Zinc (dissolved)	mg/L	Weekly during any discharge							No	14/01/2014	Not sampled: due to no flow / no discharge.
LDP1	Zinc (total)	mg/L	Weekly during any discharge							No	14/01/2014	Not sampled: due to no flow / no discharge.
LDP13	Dry gas density	kg/m3	Quarterly	1	1.36	1.36	1.36	1.36		No	14/01/2014	
LDP13	Moisture content	%	Quarterly	1	4.4	4.4	4.4	4.4		No	14/01/2014	
LDP13	Molecular weight of stack gases	g/g mole	Quarterly	1	30.4	30.4	30.4	30.4		No	14/01/2014	
LDP13	Nitrogen Oxides	g/m3	Quarterly	1	0.923	0.923	0.923	0.923	1.5	No	14/01/2014	
LDP13	Oxygen (O2)	%	Quarterly	1	5.6	5.6	5.6	5.6		No	14/01/2014	
LDP13	Solid Particles	mg/m3	Quarterly	1	86	86	86	86	250	No	14/01/2014	
LDP13	Sulphur dioxide	mg/m3	Quarterly	1	1092	1092	1092	1092		No	14/01/2014	
LDP13	Temperature	oC	Quarterly	1	144	144	144	144		No	14/01/2014	
LDP13	Velocity	m/s	Quarterly	1	10	10	10	10		No	14/01/2014	
LDP13	Volumetric flowrate	m3/s	Quarterly	1	110	110	110	110		No	14/01/2014	
LDP18	Conductivity	uS/cm	Monthly during discharge	2	370	751	751	1131		No	14/01/2014	
LDP18	Oil and Grease	mg/L	Monthly during discharge	2	2.5	2.5	2.5	2.5	10	No	14/01/2014	
LDP18	pH	pH	Monthly during discharge	2	7.4	7.4	7.4	7.4	6.5 to 8.5	No	14/01/2014	
LDP18	Total suspended solids	mg/L	Monthly during discharge	2	9	9.5	9.5	10	30	No	14/01/2014	
LDP21	Aluminium (dissolved)	mg/L	Weekly during any discharge							No	14/01/2014	Not sampled: due to no flow / no discharge.
LDP21	Aluminium (total)	mg/L	Weekly during any discharge							No	14/01/2014	Not sampled: due to no flow / no discharge.
LDP21	Arsenic	mg/L	Weekly during any discharge						0.024	No	14/01/2014	Not sampled: due to no flow / no discharge.
LDP21	Boron	mg/L	Weekly during any discharge						1	No	14/01/2014	Not sampled: due to no flow / no discharge.
LDP21	Conductivity	uS/cm	Weekly during any discharge						2900	No	14/01/2014	Not sampled: due to no flow / no discharge.
LDP21	Copper (dissolved)	mg/L	Weekly during any discharge							No	14/01/2014	Not sampled: due to no flow / no discharge.
LDP21	Copper (total)	mg/L	Weekly during any discharge							No	14/01/2014	Not sampled: due to no flow / no discharge.
LDP21	Fluoride	mg/L	Weekly during any discharge						3	No	14/01/2014	Not sampled: due to no flow / no discharge.
LDP21	Nickel	mg/L	Weekly during any discharge						0.06	No	14/01/2014	Not sampled: due to no flow / no discharge.
LDP21	pH	pH	Weekly during any discharge						6.5 to 9	No	14/01/2014	Not sampled: due to no flow / no discharge.
LDP21	Sulphate	mg/L	Weekly during any						1600	No	14/01/2014	Not sampled: due to no

			discharge									flow / no discharge.
LDP21	Total suspended solids	mg/L	Weekly during any discharge							No	14/01/2014	Not sampled: due to no flow / no discharge.
LDP21	Zinc (dissolved)	mg/L	Weekly during any discharge							No	14/01/2014	Not sampled: due to no flow / no discharge.
LDP21	Zinc (total)	mg/L	Weekly during any discharge							No	14/01/2014	Not sampled: due to no flow / no discharge.
LDP3	Boron	mg/L	Monthly during discharge	5	0.1	0.1	0.1	0.1		No	14/01/2014	
LDP3	Conductivity	uS/cm	Weekly during any discharge	5	1151	1166	1167	1179		No	14/01/2014	
LDP3	Filterable iron	mg/L	Monthly during discharge	1	0.005	0.005	0.005	0.005		No	14/01/2014	
LDP3	Filterable manganese	mg/L	Monthly during discharge	1	0	0	0	0		No	14/01/2014	
LDP3	Fluoride	mg/L	Weekly during any discharge	5	1.3	1.3	1.3	1.4		No	14/01/2014	
LDP3	pH	pH	Weekly during any discharge	5	8.2	8.3	8.3	8.4	6.5 to 8.5	No	14/01/2014	
LDP3	Selenium	mg/L	Monthly during discharge	1	0.001	0.001	0.001	0.001		No	14/01/2014	
LDP3	Sulphate	mg/L	Weekly during any discharge	5	42	48	47	56	1200	No	14/01/2014	
LDP3	Total suspended solids	mg/L	Weekly during any discharge	5	3	3.8	4	5	30	No	14/01/2014	
LDP4	Aluminium (dissolved)	mg/L	Weekly	5	0.005	0.005	0.005	0.005		No	14/01/2014	
LDP4	Aluminium (total)	mg/L	Weekly	5	0.05	0.068	0.06	0.1		No	14/01/2014	
LDP4	Arsenic	mg/L	Weekly	5	0.006	0.008	0.008	0.011	0.024	No	14/01/2014	
LDP4	Boron	mg/L	Weekly	5	0.2	0.24	0.25	0.29	1	No	14/01/2014	
LDP4	Conductivity	uS/cm	Weekly	5	1435	1773	1692	2099	2900	No	14/01/2014	
LDP4	Copper (dissolved)	mg/L	Weekly	5	0.014	0.015	0.015	0.016		No	14/01/2014	
LDP4	Copper (total)	mg/L	Weekly	5	0.02	0.022	0.021	0.024		No	14/01/2014	
LDP4	Fluoride	mg/L	Weekly	5	1.2	1.5	1.4	1.9	3	No	14/01/2014	
LDP4	Nickel	mg/L	Weekly	5	0.01	0.011	0.011	0.012	0.06	No	14/01/2014	
LDP4	pH	pH	Weekly	5	7.9	8.1	8.1	8.2	6.5 to 9	No	14/01/2014	
LDP4	Selenium	mg/L	Weekly	5	0.001	0.001	0.001	0.002		No	14/01/2014	
LDP4	Sulphate	mg/L	Weekly	5	507	647	587	804	1600	No	14/01/2014	
LDP4	Total suspended solids	mg/L	Weekly	5	2	5	4	9	30	No	14/01/2014	
LDP4	Turbidity	NTU	Weekly	5	3.1	4.4	4	7.5	25	No	14/01/2014	
LDP4	Zinc (dissolved)	mg/L	Weekly	5	0.003	0.003	0.003	0.003		No	14/01/2014	
LDP4	Zinc (total)	mg/L	Weekly	5	0.024	0.028	0.028	0.033		No	14/01/2014	
LDP5	Conductivity	uS/cm	Monthly during discharge							No	14/01/2014	Not sampled: due to no flow / no discharge.
LDP5	Oil and Grease	mg/L	Monthly during discharge						10	No	14/01/2014	Not sampled: due to no flow / no discharge.

LDP5	pH	pH	Monthly during discharge						6.5 to 8.5	No	14/01/2014	Not sampled: due to no flow / no discharge.
LDP5	Total suspended solids	mg/L	Monthly during discharge							No	14/01/2014	Not sampled: due to no flow / no discharge.

Monthly Exceedance Table

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EPL Period monitored: December 2013

Sample Date	Licenced Monitoring Point Code	Pollutant	Unit of Measure	Sample Value	100 Percentile Limit	Exceedance	Comment
NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

Monthly Correction Log

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EPL Period monitored: December 2013

Sample Date	Licenced Monitoring Point Code	Pollutant	Unit of Measure	Original Data	Corrected Data	Date Corrected	Date Originally Published	Reason
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NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
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