

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: November 2013

Monthly Summary Status: Incomplete: all monitoring data not yet 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
LDP14	Carbon dioxide	%	Yearly	1	13	13	13	13		No	13/12/2013	
LDP1	Aluminium (dissolved)	mg/L	Weekly during any discharge							No	13/12/2013	Not sampled: due to no flow / no discharge.
LDP1	Aluminium (total)	mg/L	Weekly during any discharge							No	13/12/2013	Not sampled: due to no flow / no discharge.
LDP1	Arsenic	mg/L	Weekly during any discharge							No	13/12/2013	Not sampled: due to no flow / no discharge.
LDP1	Boron	mg/L	Weekly during any discharge							No	13/12/2013	Not sampled: due to no flow / no discharge.
LDP1	Conductivity	uS/cm	Weekly during any discharge						2900	No	13/12/2013	Not sampled: due to no flow / no discharge.
LDP1	Copper (dissolved)	mg/L	Weekly during any discharge							No	13/12/2013	Not sampled: due to no flow / no discharge.
LDP1	Copper (total)	mg/L	Weekly during any discharge							No	13/12/2013	Not sampled: due to no flow / no discharge.
LDP1	Fluoride	mg/L	Weekly during any discharge						3	No	13/12/2013	Not sampled: due to no flow / no discharge.
LDP1	Nickel	mg/L	Weekly during any discharge							No	13/12/2013	Not sampled: due to no flow / no discharge.
LDP1	pH	pH	Weekly during any discharge						6.5 to 9	No	13/12/2013	Not sampled: due to no flow / no discharge.

LDP1	Selenium	mg/L	Monthly during discharge							No	13/12/2013	Not sampled: due to no flow / no discharge.
LDP1	Sulphate	mg/L	Weekly during any discharge						1600	No	13/12/2013	Not sampled: due to no flow / no discharge.
LDP1	Zinc (dissolved)	mg/L	Weekly during any discharge							No	13/12/2013	Not sampled: due to no flow / no discharge.
LDP1	Zinc (total)	mg/L	Weekly during any discharge							No	13/12/2013	Not sampled: due to no flow / no discharge.
LDP13	Dry gas density	kg/m3	Quarterly							No		Sampling Scheduled: monitoring data not yet obtained (at time of monthly publishing).
LDP13	Moisture content	%	Quarterly							No		Sampling Scheduled: monitoring data not yet obtained (at time of monthly publishing).
LDP13	Molecular weight of stack gases	g/g mole	Quarterly							No		Sampling Scheduled: monitoring data not yet obtained (at time of monthly publishing).
LDP13	Nitrogen Oxides	g/m3	Quarterly						1.5	No		Sampling Scheduled: monitoring data not yet obtained (at time of monthly publishing).
LDP13	Oxygen (O2)	%	Quarterly							No		Sampling Scheduled: monitoring data not yet obtained (at time of monthly publishing).
LDP13	Solid Particles	mg/m3	Quarterly						250	No		Sampling Scheduled: monitoring data not yet obtained (at time of monthly publishing).
LDP13	Sulphur dioxide	mg/m3	Quarterly							No		Sampling Scheduled: monitoring data not yet obtained (at time of monthly publishing).
LDP13	Temperature	oC	Quarterly							No		Sampling Scheduled: monitoring data not yet obtained (at time of monthly publishing).
LDP13	Velocity	m/s	Quarterly							No		Sampling Scheduled: monitoring data not yet obtained (at time of monthly publishing).
LDP13	Volumetric flowrate	m3/s	Quarterly							No		Sampling Scheduled: monitoring data not yet obtained (at time of monthly publishing).
LDP14	Dry gas density	kg/m3	Quarterly	1	1.36	1.36	1.36	1.36		No	13/12/2013	
LDP14	Moisture content	%	Quarterly	1	4.7	4.7	4.7	4.7		No	13/12/2013	
LDP14	Molecular weight of stack gases	g/g mole	Quarterly	1	30.5	30.5	30.5	30.5		No	13/12/2013	
LDP14	Nitrogen Oxides	g/m3	Quarterly	1	0.757	0.757	0.757	0.757	1.5	No	13/12/2013	
LDP14	Oxygen (O2)	%	Quarterly	1	6.8	6.8	6.8	6.8		No	13/12/2013	
LDP14	Solid Particles	mg/m3	Quarterly	1	62	62	62	62	250	No	13/12/2013	
LDP14	Sulphur dioxide	mg/m3	Quarterly	1	1151	1151	1151	1151		No	13/12/2013	
LDP14	Temperature	oC	Quarterly	1	124	124	124	124		No	13/12/2013	
LDP14	Velocity	m/s	Quarterly	1	19	19	19	19		No	13/12/2013	
LDP14	Volumetric flowrate	m3/s	Quarterly	1	190	190	190	190		No	13/12/2013	

LDP18	Conductivity	uS/cm	Monthly during discharge	1	839	839	839	839		No	13/12/2013	
LDP18	Oil and Grease	mg/L	Monthly during discharge	1	6	6	6	6	10	No	13/12/2013	
LDP18	pH	pH	Monthly during discharge	1	7.3	7.3	7.3	7.3	6.5 to 8.5	No	13/12/2013	
LDP18	Total suspended solids	mg/L	Monthly during discharge	1	30	30	30	30	30	No	13/12/2013	
LDP21	Aluminium (dissolved)	mg/L	Weekly during any discharge							No	13/12/2013	Not sampled: due to no flow / no discharge.
LDP21	Aluminium (total)	mg/L	Weekly during any discharge							No	13/12/2013	Not sampled: due to no flow / no discharge.
LDP21	Arsenic	mg/L	Weekly during any discharge						0.024	No	13/12/2013	Not sampled: due to no flow / no discharge.
LDP21	Boron	mg/L	Weekly during any discharge						1	No	13/12/2013	Not sampled: due to no flow / no discharge.
LDP21	Conductivity	uS/cm	Weekly during any discharge						2900	No	13/12/2013	Not sampled: due to no flow / no discharge.
LDP21	Copper (dissolved)	mg/L	Weekly during any discharge							No	13/12/2013	Not sampled: due to no flow / no discharge.
LDP21	Copper (total)	mg/L	Weekly during any discharge							No	13/12/2013	Not sampled: due to no flow / no discharge.
LDP21	Fluoride	mg/L	Weekly during any discharge						3	No	13/12/2013	Not sampled: due to no flow / no discharge.
LDP21	Nickel	mg/L	Weekly during any discharge						0.06	No	13/12/2013	Not sampled: due to no flow / no discharge.
LDP21	pH	pH	Weekly during any discharge						6.5 to 9	No	13/12/2013	Not sampled: due to no flow / no discharge.
LDP21	Sulphate	mg/L	Weekly during any discharge						1600	No	13/12/2013	Not sampled: due to no flow / no discharge.
LDP21	Total suspended solids	mg/L	Weekly during any discharge							No	13/12/2013	Not sampled: due to no flow / no discharge.
LDP21	Zinc (dissolved)	mg/L	Weekly during any discharge							No	13/12/2013	Not sampled: due to no flow / no discharge.
LDP21	Zinc (total)	mg/L	Weekly during any discharge							No	13/12/2013	Not sampled: due to no flow / no discharge.
LDP3	Boron	mg/L	Monthly during discharge	4	0.1	0.1	0.1	0.1		No	13/12/2013	
LDP3	Conductivity	uS/cm	Weekly during any discharge	4	1145	1165	1161	1193		No	13/12/2013	
LDP3	Filterable iron	mg/L	Monthly during discharge	1	0.005	0.005	0.005	0.005		No	13/12/2013	
LDP3	Filterable manganese	mg/L	Monthly during discharge	1	0	0	0	0		No	13/12/2013	
LDP3	Fluoride	mg/L	Weekly during any discharge	4	1.3	1.3	1.3	1.4		No	13/12/2013	
LDP3	pH	pH	Weekly during any discharge	4	8.3	8.3	8.3	8.3	6.5 to 8.5	No	13/12/2013	
LDP3	Selenium	mg/L	Monthly during discharge	1	0.001	0.001	0.001	0.001		No	13/12/2013	

LDP3	Sulphate	mg/L	Weekly during any discharge	4	46	54	54	60	1200	No	13/12/2013	
LDP3	Total suspended solids	mg/L	Weekly during any discharge	4	2	3.5	3	6	30	No	13/12/2013	
LDP4	Aluminium (dissolved)	mg/L	Weekly	4	0.005	0.005	0.005	0.005		No	13/12/2013	
LDP4	Aluminium (total)	mg/L	Weekly	4	0.06	0.073	0.075	0.08		No	13/12/2013	
LDP4	Arsenic	mg/L	Weekly	4	0.005	0.006	0.006	0.006	0.024	No	13/12/2013	
LDP4	Boron	mg/L	Weekly	4	0.24	0.26	0.26	0.27	1	No	13/12/2013	
LDP4	Conductivity	uS/cm	Weekly	4	1479	1606	1628	1688	2900	No	13/12/2013	
LDP4	Copper (dissolved)	mg/L	Weekly	4	0.014	0.015	0.015	0.016		No	13/12/2013	
LDP4	Copper (total)	mg/L	Weekly	4	0.02	0.021	0.021	0.023		No	13/12/2013	
LDP4	Fluoride	mg/L	Weekly	4	1.2	1.4	1.4	1.5	3	No	13/12/2013	
LDP4	Nickel	mg/L	Weekly	4	0.011	0.013	0.014	0.015	0.06	No	13/12/2013	
LDP4	pH	pH	Weekly	4	8	8.1	8.1	8.1	6.5 to 9	No	13/12/2013	
LDP4	Selenium	mg/L	Weekly	4	0.001	0.001	0.001	0.001		No	13/12/2013	
LDP4	Sulphate	mg/L	Weekly	4	489	535	529	592	1600	No	13/12/2013	
LDP4	Total suspended solids	mg/L	Weekly	4	3	4.3	4.5	5	30	No	13/12/2013	
LDP4	Turbidity	NTU	Weekly	4	3	4.1	4.3	4.8	25	No	13/12/2013	
LDP4	Zinc (dissolved)	mg/L	Weekly	4	0.003	0.003	0.003	0.003		No	13/12/2013	
LDP4	Zinc (total)	mg/L	Weekly	4	0.019	0.025	0.026	0.03		No	13/12/2013	
LDP5	Conductivity	uS/cm	Monthly during discharge							No	13/12/2013	Not sampled: due to no flow / no discharge.
LDP5	Oil and Grease	mg/L	Monthly during discharge						10	No	13/12/2013	Not sampled: due to no flow / no discharge.
LDP5	pH	pH	Monthly during discharge						6.5 to 8.5	No	13/12/2013	Not sampled: due to no flow / no discharge.
LDP5	Total suspended solids	mg/L	Monthly during discharge							No	13/12/2013	Not sampled: due to no flow / no discharge.

Monthly Exceedance Table

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EPL Period monitored: November 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

EPL Number: 766

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EPL Period monitored: November 2013

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