

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://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOlicence.aspx?DOCID=65567&SYSUID=1&LICID=766>
 EPL Monitoring locations: <https://www.energyaustralia.com.au/wallerawang-epa-reports>
 EPL Unit of measure abbreviations: <https://www.energyaustralia.com.au/wallerawang-epa-reports>
 EPL Period monitored: September 2016
 Monthly Summary Status: Complete: all monitoring data obtained

Licensed 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
LDP18	Conductivity	uS/cm	Monthly during discharge	2	504	514	514	524		No	19/10/2016	
LDP1	Aluminium (dissolved)	mg/L	Monthly during discharge							No	19/10/2016	Not sampled: due to no flow / no discharge.
LDP1	Arsenic (dissolved)	mg/L	Monthly during discharge							No	19/10/2016	Not sampled: due to no flow / no discharge.
LDP1	Boron	mg/L	Monthly during discharge							No	19/10/2016	Not sampled: due to no flow / no discharge.
LDP1	Conductivity	uS/cm	Weekly during any discharge						2900	No	19/10/2016	Not sampled: due to no flow / no discharge.
LDP1	Copper (dissolved)	mg/L	Monthly during discharge							No	19/10/2016	Not sampled: due to no flow / no discharge.
LDP1	Fluoride	mg/L	Monthly during discharge						3	No	19/10/2016	Not sampled: due to no flow / no discharge.
LDP1	Nickel (dissolved)	mg/L	Monthly during discharge							No	19/10/2016	Not sampled: due to no flow / no discharge.
LDP1	pH	pH	Weekly during any discharge						6.5 to 9	No	19/10/2016	Not sampled: due to no flow / no discharge.
LDP1	Selenium	mg/L	Monthly during discharge							No	19/10/2016	Not sampled: due to no flow / no discharge.
LDP1	Sulphate	mg/L	Weekly during any discharge						1600	No	19/10/2016	Not sampled: due to no flow / no discharge.
LDP1	Zinc (dissolved)	mg/L	Monthly during discharge							No	19/10/2016	Not sampled: due to no flow / no discharge.
LDP13	Dry gas density	kg/m3	Quarterly during discharge							No	23/7/2018	Not sampled: due to non-operational facility / unit.
LDP13	Moisture content	%	Quarterly during discharge							No	23/7/2018	Not sampled: due to non-operational facility / unit.
LDP13	Molecular weight of	g/g mole	Quarterly during discharge							No	23/7/2018	Not sampled: due to non-operational facility / unit.
LDP13	Nitrogen Oxides	g/m3	Quarterly during discharge						1.5	No	23/7/2018	Not sampled: due to non-operational facility / unit.
LDP13	Oxygen (O2)	%	Quarterly during discharge							No	23/7/2018	Not sampled: due to non-operational facility / unit.
LDP13	Solid Particles	mg/m3	Quarterly during discharge						250	No	23/7/2018	Not sampled: due to non-operational facility / unit.
LDP13	Sulphur dioxide	mg/m3	Quarterly during discharge							No	23/7/2018	Not sampled: due to non-operational facility / unit.
LDP13	Temperature	oC	Quarterly during discharge							No	23/7/2018	Not sampled: due to non-operational facility / unit.
LDP13	Velocity	m/s	Quarterly during discharge							No	23/7/2018	Not sampled: due to non-operational facility / unit.
LDP13	Volumetric flowrate	m3/s	Quarterly during discharge							No	23/7/2018	Not sampled: due to non-operational facility / unit.
LDP14	Dry gas density	kg/m3	Quarterly during discharge							No	23/7/2018	Not sampled: due to non-operational facility / unit.
LDP14	Moisture content	%	Quarterly during discharge							No	23/7/2018	Not sampled: due to non-operational facility / unit.
LDP14	Molecular weight of	g/g mole	Quarterly during discharge							No	23/7/2018	Not sampled: due to non-operational facility / unit.
LDP14	Nitrogen Oxides	g/m3	Quarterly during discharge						1.5	No	23/7/2018	Not sampled: due to non-operational facility / unit.
LDP14	Oxygen (O2)	%	Quarterly during discharge							No	23/7/2018	Not sampled: due to non-operational facility / unit.
LDP14	Solid Particles	mg/m3	Quarterly during discharge						250	No	23/7/2018	Not sampled: due to non-operational facility / unit.
LDP14	Sulphur dioxide	mg/m3	Quarterly during discharge							No	23/7/2018	Not sampled: due to non-operational facility / unit.
LDP14	Temperature	oC	Quarterly during discharge							No	23/7/2018	Not sampled: due to non-operational facility / unit.
LDP14	Velocity	m/s	Quarterly during discharge							No	23/7/2018	Not sampled: due to non-operational facility / unit.
LDP14	Volumetric flowrate	m3/s	Quarterly during discharge							No	23/7/2018	Not sampled: due to non-operational facility / unit.
LDP18	Oil and Grease	mg/L	Monthly during discharge	2	2.5	2.5	2.5	2.5	10	No	19/10/2016	
LDP18	pH	pH	Monthly during discharge	2	7.4	7.5	7.5	7.6	6.5 to 8.5	No	19/10/2016	
LDP18	Total suspended sol	mg/L	Monthly during discharge	2	13	16	16	19	30	No	19/10/2016	
LDP21	Aluminium (dissolved)	mg/L	Monthly during discharge							No	19/10/2016	Not sampled: due to no flow / no discharge.
LDP21	Arsenic (dissolved)	mg/L	Monthly during discharge						0.024	No	19/10/2016	Not sampled: due to no flow / no discharge.
LDP21	Boron	mg/L	Monthly during discharge						1	No	19/10/2016	Not sampled: due to no flow / no discharge.
LDP21	Conductivity	uS/cm	Weekly during any discharge						2900	No	19/10/2016	Not sampled: due to no flow / no discharge.
LDP21	Copper (dissolved)	mg/L	Monthly during discharge							No	19/10/2016	Not sampled: due to no flow / no discharge.
LDP21	Fluoride	mg/L	Monthly during discharge						3	No	19/10/2016	Not sampled: due to no flow / no discharge.
LDP21	Nickel (dissolved)	mg/L	Monthly during discharge						0.06	No	19/10/2016	Not sampled: due to no flow / no discharge.
LDP21	pH	pH	Weekly during any discharge						6.5 to 9	No	19/10/2016	Not sampled: due to no flow / no discharge.
LDP21	Sulphate	mg/L	Weekly during any discharge						1600	No	19/10/2016	Not sampled: due to no flow / no discharge.
LDP21	Total suspended sol	mg/L	Monthly during discharge							No	19/10/2016	Not sampled: due to no flow / no discharge.

LDP21	Zinc (dissolved)	mg/L	Monthly during discharge							No	19/10/2016	Not sampled: due to no flow / no discharge.
LDP3	Boron	mg/L	Monthly during discharge	1	1.4	1.4	1.4	1.4		No	19/10/2016	
LDP3	Conductivity	uS/cm	Weekly during any discharge	3	844	1219	1080	1732		No	19/10/2016	Not sampled: due to no flow / no discharge for period ending: 04/09/2016.
LDP3	Filterable iron	mg/L	Monthly during discharge	1	0.006	0.006	0.006	0.006		No	19/10/2016	
LDP3	Filterable manganese	mg/L	Monthly during discharge	1	1.7	1.7	1.7	1.7		No	19/10/2016	
LDP3	Fluoride	mg/L	Weekly during any discharge	3	1.2	1.8	1.3	2.9		No	19/10/2016	Not sampled: due to no flow / no discharge for period ending: 04/09/2016.
LDP3	pH	pH	Weekly during any discharge	3	6.7	6.8	6.9	6.9	6.5 to 8.5	No	19/10/2016	Not sampled: due to no flow / no discharge for period ending: 04/09/2016.
LDP3	Selenium	mg/L	Monthly during discharge	1	0.001	0.001	0.001	0.001		No	19/10/2016	
LDP3	Sulphate	mg/L	Weekly during any discharge	3	230	476	393	805	1200	No	19/10/2016	Not sampled: due to no flow / no discharge for period ending: 04/09/2016.
LDP3	Total suspended solids	mg/L	Weekly during any discharge	3	1	7.7	4	18	30	No	19/10/2016	Not sampled: due to no flow / no discharge for period ending: 04/09/2016.
LDP4	Aluminium (dissolved)	mg/L	Monthly during discharge	1	0.24	0.24	0.24	0.24		No	19/10/2016	
LDP4	Arsenic (dissolved)	mg/L	Monthly during discharge	1	0.001	0.001	0.001	0.001	0.024	No	19/10/2016	
LDP4	Boron	mg/L	Monthly during discharge	1	0.03	0.03	0.03	0.03	1	No	19/10/2016	
LDP4	Conductivity	uS/cm	Weekly during any discharge	4	230	255	243	303	2900	No	19/10/2016	
LDP4	Copper (dissolved)	mg/L	Monthly during discharge	1	0.034	0.034	0.034	0.034		No	19/10/2016	
LDP4	Fluoride	mg/L	Monthly during discharge	4	0.1	0.1	0.1	0.1	3	No	23/7/2018	
LDP4	Nickel (dissolved)	mg/L	Monthly during discharge	1	0.015	0.015	0.015	0.015	0.06	No	19/10/2016	
LDP4	pH	pH	Weekly during any discharge	4	6.9	7	7	7.2	6.5 to 9	No	19/10/2016	
LDP4	Selenium	mg/L	Monthly during discharge	1	0	0	0	0		No	19/10/2016	
LDP4	Sulphate	mg/L	Weekly during any discharge	4	73	85	83	101	1600	No	19/10/2016	
LDP4	Total suspended solids	mg/L	Monthly during discharge	4	0.5	1.6	1.5	3	30	No	19/10/2016	
LDP4	Turbidity	NTU	Monthly during discharge	4	3.2	6	6.2	8.3	25	No	19/10/2016	
LDP4	Zinc (dissolved)	mg/L	Monthly during discharge	1	0.04	0.04	0.04	0.04		No	19/10/2016	
LDP5	Conductivity	uS/cm	Monthly during discharge							No	19/10/2016	Not sampled: due to no flow / no discharge.
LDP5	Oil and Grease	mg/L	Monthly during discharge						10	No	19/10/2016	Not sampled: due to no flow / no discharge.
LDP5	pH	pH	Monthly during discharge						6.5 to 8.5	No	19/10/2016	Not sampled: due to no flow / no discharge.
LDP5	Total suspended solids	mg/L	Monthly during discharge							No	19/10/2016	Not sampled: due to no flow / no discharge.

Monthly Exceedance Table

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 EPL Unit of measure abbreviations: <https://www.energyaustralia.com.au/wallerawang-epa-reports>
 EPL Period monitored: September 2016

Sample Date	Licensed 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: September 2016

Sample Date	Licensed 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	