

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: June 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	1	886	886	886	886		No	31/8/2016	
LDP1	Aluminium (dissolved)	mg/L	Monthly during discharge							No	31/8/2016	Not sampled: due to no flow / no discharge.
LDP1	Arsenic (dissolved)	mg/L	Monthly during discharge							No	31/8/2016	Not sampled: due to no flow / no discharge.
LDP1	Boron	mg/L	Monthly during discharge							No	31/8/2016	Not sampled: due to no flow / no discharge.
LDP1	Conductivity	uS/cm	Weekly during any discharge						2900	No	31/8/2016	Not sampled: due to no flow / no discharge.
LDP1	Copper (dissolved)	mg/L	Monthly during discharge							No	31/8/2016	Not sampled: due to no flow / no discharge.
LDP1	Fluoride	mg/L	Monthly during discharge						3	No	31/8/2016	Not sampled: due to no flow / no discharge.
LDP1	Nickel (dissolved)	mg/L	Monthly during discharge							No	31/8/2016	Not sampled: due to no flow / no discharge.
LDP1	pH	pH	Weekly during any discharge						6.5 to 9	No	31/8/2016	Not sampled: due to no flow / no discharge.
LDP1	Selenium	mg/L	Monthly during discharge							No	31/8/2016	Not sampled: due to no flow / no discharge.
LDP1	Sulphate	mg/L	Weekly during any discharge						1600	No	31/8/2016	Not sampled: due to no flow / no discharge.
LDP1	Zinc (dissolved)	mg/L	Monthly during discharge							No	31/8/2016	Not sampled: due to no flow / no discharge.
LDP13	Dry gas density	kg/m3	Quarterly during discharge							No	10/12/2018	Not sampled: due to non-operational facility / unit.
LDP13	Moisture content	%	Quarterly during discharge							No	10/12/2018	Not sampled: due to non-operational facility / unit.
LDP13	Molecular weight of	g/g mole	Quarterly during discharge							No	10/12/2018	Not sampled: due to non-operational facility / unit.
LDP13	Nitrogen Oxides	g/m3	Quarterly during discharge						1.5	No	10/12/2018	Not sampled: due to non-operational facility / unit.
LDP13	Oxygen (O2)	%	Quarterly during discharge							No	10/12/2018	Not sampled: due to non-operational facility / unit.
LDP13	Solid Particles	mg/m3	Quarterly during discharge						250	No	10/12/2018	Not sampled: due to non-operational facility / unit.
LDP13	Sulphur dioxide	mg/m3	Quarterly during discharge							No	10/12/2018	Not sampled: due to non-operational facility / unit.
LDP13	Temperature	oC	Quarterly during discharge							No	10/12/2018	Not sampled: due to non-operational facility / unit.
LDP13	Velocity	m/s	Quarterly during discharge							No	10/12/2018	Not sampled: due to non-operational facility / unit.
LDP13	Volumetric flowrate	m3/s	Quarterly during discharge							No	10/12/2018	Not sampled: due to non-operational facility / unit.
LDP14	Dry gas density	kg/m3	Quarterly during discharge							No	10/12/2018	Not sampled: due to non-operational facility / unit.
LDP14	Moisture content	%	Quarterly during discharge							No	10/12/2018	Not sampled: due to non-operational facility / unit.
LDP14	Molecular weight of	g/g mole	Quarterly during discharge							No	10/12/2018	Not sampled: due to non-operational facility / unit.
LDP14	Nitrogen Oxides	g/m3	Quarterly during discharge						1.5	No	10/12/2018	Not sampled: due to non-operational facility / unit.
LDP14	Oxygen (O2)	%	Quarterly during discharge							No	10/12/2018	Not sampled: due to non-operational facility / unit.
LDP14	Solid Particles	mg/m3	Quarterly during discharge						250	No	10/12/2018	Not sampled: due to non-operational facility / unit.
LDP14	Sulphur dioxide	mg/m3	Quarterly during discharge							No	10/12/2018	Not sampled: due to non-operational facility / unit.
LDP14	Temperature	oC	Quarterly during discharge							No	10/12/2018	Not sampled: due to non-operational facility / unit.
LDP14	Velocity	m/s	Quarterly during discharge							No	10/12/2018	Not sampled: due to non-operational facility / unit.
LDP14	Volumetric flowrate	m3/s	Quarterly during discharge							No	10/12/2018	Not sampled: due to non-operational facility / unit.
LDP18	Oil and Grease	mg/L	Monthly during discharge	1	2.5	2.5	2.5	2.5	10	No	31/8/2016	
LDP18	pH	pH	Monthly during discharge	1	7.6	7.6	7.6	7.6	6.5 to 8.5	No	31/8/2016	
LDP18	Total suspended solids	mg/L	Monthly during discharge	1	25	25	25	25	30	No	31/8/2016	
LDP21	Aluminium (dissolved)	mg/L	Monthly during discharge							No	31/8/2016	Not sampled: due to no flow / no discharge.
LDP21	Arsenic (dissolved)	mg/L	Monthly during discharge						0.024	No	31/8/2016	Not sampled: due to no flow / no discharge.
LDP21	Boron	mg/L	Monthly during discharge						1	No	31/8/2016	Not sampled: due to no flow / no discharge.
LDP21	Conductivity	uS/cm	Weekly during any discharge						2900	No	31/8/2016	Not sampled: due to no flow / no discharge.
LDP21	Copper (dissolved)	mg/L	Monthly during discharge							No	31/8/2016	Not sampled: due to no flow / no discharge.
LDP21	Fluoride	mg/L	Monthly during discharge						3	No	31/8/2016	Not sampled: due to no flow / no discharge.
LDP21	Nickel (dissolved)	mg/L	Monthly during discharge						0.06	No	31/8/2016	Not sampled: due to no flow / no discharge.
LDP21	pH	pH	Weekly during any discharge						6.5 to 9	No	31/8/2016	Not sampled: due to no flow / no discharge.
LDP21	Sulphate	mg/L	Weekly during any discharge						1600	No	31/8/2016	Not sampled: due to no flow / no discharge.
LDP21	Total suspended solids	mg/L	Monthly during discharge							No	31/8/2016	Not sampled: due to no flow / no discharge.

LDP21	Zinc (dissolved)	mg/L	Monthly during discharge							No	31/8/2016	Not sampled: due to no flow / no discharge.
LDP3	Boron	mg/L	Monthly during discharge	1	0.2	0.2	0.2	0.2		No	31/8/2016	
LDP3	Conductivity	uS/cm	Weekly during any discharge	1	359	359	359	359		No	31/8/2016	Not sampled: due to no flow / no discharge for period ending: 05/06/2016. Not sampled: due to no flow / no discharge for period ending: 12/06/2016. Not sampled: due to no flow / no discharge for period ending: 19/06/2016.
LDP3	Filterable iron	mg/L	Monthly during discharge	1	2.03	2.03	2.03	2.03		No	31/8/2016	
LDP3	Filterable manganese	mg/L	Monthly during discharge	1	0.8	0.8	0.8	0.8		No	31/8/2016	
LDP3	Fluoride	mg/L	Weekly during any discharge	1	0.6	0.6	0.6	0.6		No	31/8/2016	Not sampled: due to no flow / no discharge for period ending: 05/06/2016. Not sampled: due to no flow / no discharge for period ending: 12/06/2016. Not sampled: due to no flow / no discharge for period ending: 19/06/2016.
LDP3	pH	pH	Weekly during any discharge	1	6.1	6.1	6.1	6.1	6.5 to 8.5	Yes	31/8/2016	Not sampled: due to no flow / no discharge for period ending: 05/06/2016. Not sampled: due to no flow / no discharge for period ending: 12/06/2016. Not sampled: due to no flow / no discharge for period ending: 19/06/2016. Subsequent to discussions with the EPA where approval was sought to discharge from LDP3 under conditions where pH was known to be out of licence limits, approval to discharge was granted by the EPA and the weekly representative pH result has been reported as a non-compliance as shown in this report.
LDP3	Selenium	mg/L	Monthly during discharge	1	0.001	0.001	0.001	0.001		No	31/8/2016	
LDP3	Sulphate	mg/L	Weekly during any discharge	1	150	150	150	150	1200	No	31/8/2016	Not sampled: due to no flow / no discharge for period ending: 05/06/2016. Not sampled: due to no flow / no discharge for period ending: 12/06/2016. Not sampled: due to no flow / no discharge for period ending: 19/06/2016.
LDP3	Total suspended solids	mg/L	Weekly during any discharge	1	6	6	6	6	30	No	31/8/2016	Not sampled: due to no flow / no discharge for period ending: 05/06/2016. Not sampled: due to no flow / no discharge for period ending: 12/06/2016. Not sampled: due to no flow / no discharge for period ending: 19/06/2016.
LDP4	Aluminium (dissolved)	mg/L	Monthly during discharge	1	0.31	0.31	0.31	0.31		No	31/8/2016	
LDP4	Arsenic (dissolved)	mg/L	Monthly during discharge	1	0.001	0.001	0.001	0.001	0.024	No	31/8/2016	
LDP4	Boron	mg/L	Monthly during discharge	1	0.03	0.03	0.03	0.03	1	No	31/8/2016	
LDP4	Conductivity	uS/cm	Weekly during any discharge	2	552	577	577	602	2900	No	31/8/2016	Not sampled: due to no flow / no discharge for period ending: 05/06/2016. Not sampled: due to no flow / no discharge for period ending: 12/06/2016.
LDP4	Copper (dissolved)	mg/L	Monthly during discharge	1	0.011	0.011	0.011	0.011		No	31/8/2016	
LDP4	Fluoride	mg/L	Monthly during discharge	2	0.4	0.4	0.4	0.4	3	No	31/8/2016	
LDP4	Nickel (dissolved)	mg/L	Monthly during discharge	1	0.003	0.003	0.003	0.003	0.06	No	31/8/2016	
LDP4	pH	pH	Weekly during any discharge	2	6.9	6.9	6.9	6.9	6.5 to 9	No	31/8/2016	Not sampled: due to no flow / no discharge for period ending: 05/06/2016. Not sampled: due to no flow / no discharge for period ending: 12/06/2016.
LDP4	Selenium	mg/L	Monthly during discharge	1	0	0	0	0		No	31/8/2016	
LDP4	Sulphate	mg/L	Weekly during any discharge	2	225	228	228	231	1600	No	31/8/2016	Not sampled: due to no flow / no discharge for period ending: 05/06/2016. Not sampled: due to no flow / no discharge for period ending: 12/06/2016.
LDP4	Total suspended solids	mg/L	Monthly during discharge	2	0.5	0.8	0.8	1	30	No	10/12/2018	

LDP4	Turbidity	NTU	Monthly during discharge	2	2.1	4.2	4.2	6.3	25	No	31/8/2016	
LDP4	Zinc (dissolved)	mg/L	Monthly during discharge	1	0.007	0.007	0.007	0.007		No	31/8/2016	
LDP5	Conductivity	uS/cm	Monthly during discharge	1	135	135	135	135		No	31/8/2016	
LDP5	Oil and Grease	mg/L	Monthly during discharge	1	2.5	2.5	2.5	2.5	10	No	31/8/2016	
LDP5	pH	pH	Monthly during discharge	1	7.2	7.2	7.2	7.2	6.5 to 8.5	No	31/8/2016	
LDP5	Total suspended sol	mg/L	Monthly during discharge	1	7	7	7	7		No	31/8/2016	
NOISE A	Noise	dB(A) LAeq (15	6-monthly						40	No	31/8/2016	Sampled: all monitoring data not yet obtained (at time of monthly publishing).
NOISE B	Noise	dB(A) LAeq (15	6-monthly						40	No	31/8/2016	Sampled: all monitoring data not yet obtained (at time of monthly publishing).
NOISE C	Noise	dB(A) LAeq (15	6-monthly						40	No	31/8/2016	Sampled: all monitoring data not yet obtained (at time of monthly publishing).

Monthly Exceedance Table

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 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: June 2016

Sample Date	Licensed Monitoring Point Code	Pollutant	Unit of Measure	Sample Value	100 Percentile Limit	Exceedance	Comment
26/06/2016	LDP3	pH	pH	6.1	6.5 to 8.5	Yes	Subsequent to discussions with the EPA where approval was sought to discharge from LDP3 under conditions where pH was known to be out of licence limits, approval to discharge was granted by the EPA and the weekly representative pH result has been reported as a non-compliance as shown in this report.

Monthly Correction Log

EPL Number: 766
 EPL Holder: EnergyAustralia NSW
 EPL Name of facility: WALLERAWANG POWER STATION
 EPL Address of facility: 1 MAIN STREET, WALLERAWANG, NSW 2845
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 EPL Period monitored: June 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	