

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=33433&SYSUID=1&LICID=766>
<http://www.energyaustralia.com.au/servlet/Satellite?blobcol=urldata&blobheader=application%2Fpdf&blobheadername1=Content-Disposition&blobheadervalue1=attachment%3B+filename%3D%22Environment+monitoring+locations.pdf%22&blobkey=id&blobtable=MungoBlobs&blobwhere=1343703385873&ssbinary=true>
EPL Monitoring locations: <http://www.energyaustralia.com.au/servlet/Satellite?blobcol=urldata&blobheader=application%2Fpdf&blobheadername1=Content-Disposition&blobheadervalue1=attachment%3B+filename%3D%22License+Units+of+Measurement.pdf%22&blobkey=id&blobtable=MungoBlobs&blobwhere=1343703385887&ssbinary=true>
EPL Unit of measure abbreviations
EPL Period monitored: January 2014
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	Cadmium	mg/m3	Yearly during discharge	1	0.0001	0.0001	0.0001	0.0001	1	No	14/3/2014	
LDP1	Aluminium (dissolved)	mg/L	Monthly during discharge							No	14/3/2014	Not sampled: due to no flow / no discharge.
LDP1	Arsenic (dissolved)	mg/L	Monthly during discharge						0.024	No	14/3/2014	Not sampled: due to no flow / no discharge.
LDP1	Boron	mg/L	Monthly during discharge							No	14/3/2014	Not sampled: due to no flow / no discharge.
LDP1	Conductivity	uS/cm	Weekly during any discharge						2900	No	14/3/2014	Not sampled: due to no flow / no discharge.
LDP1	Copper (dissolved)	mg/L	Monthly during discharge							No	14/3/2014	Not sampled: due to no flow / no discharge.
LDP1	Fluoride	mg/L	Monthly during discharge						3	No	14/3/2014	Not sampled: due to no flow / no discharge.
LDP1	Nickel (dissolved)	mg/L	Monthly during discharge						0.06	No	14/3/2014	Not sampled: due to no flow / no discharge.
LDP1	pH	pH	Weekly during any discharge						6.5 to 9	No	14/2/2014	Not sampled: due to no flow / no discharge.
LDP1	Selenium	mg/L	Monthly during discharge							No	14/2/2014	Not sampled: due to no flow / no discharge.
LDP1	Sulphate	mg/L	Weekly during any discharge						1600	No	7/10/2015	Not sampled: due to no flow / no discharge.
LDP1	Zinc (dissolved)	mg/L	Monthly during discharge							No	14/3/2014	Not sampled: due to no flow / no discharge.
LDP13	Carbon dioxide	%	Yearly during discharge	1	12.5	12.5	12.5	12.5		No	14/3/2014	
LDP13	Chlorine	mg/m3	Yearly during discharge	1	0.013	0.013	0.013	0.013	200	No	14/3/2014	
LDP13	Copper	mg/m3	Yearly during discharge	1	0.0028	0.0028	0.0028	0.0028		No	14/3/2014	
LDP13	Dry gas density	kg/m3	Quarterly during discharge	1	1.36	1.36	1.36	1.36		No	14/3/2014	
LDP13	Hydrogen chloride	mg/m3	Yearly during discharge	1	0.12	0.12	0.12	0.12	100	No	14/3/2014	
LDP13	Mercury	mg/m3	Yearly during discharge	1	0.0012	0.0012	0.0012	0.0012	1	No	14/3/2014	
LDP13	Moisture content	%	Quarterly during discharge	1	4.4	4.4	4.4	4.4		No	14/3/2014	
LDP13	Molecular weight of	g/g mole	Quarterly during discharge	1	30.4	30.4	30.4	30.4		No	14/3/2014	
LDP13	Nitrogen Oxides	g/m3	Quarterly during discharge	2	0.547	0.547	0.547	0.547	1.5	No	1/7/2014	
LDP13	Oxygen (O2)	%	Quarterly during discharge	1	6.9	6.9	6.9	6.9		No	14/3/2014	
LDP13	Solid Particles	mg/m3	Quarterly during discharge	1	51	51	51	51	250	No	14/3/2014	
LDP13	Sulfuric acid mist and	mg/m3	Yearly during discharge	1	5.3	5.3	5.3	5.3	100	No	14/3/2014	
LDP13	Sulphur dioxide	mg/m3	Quarterly during discharge	2	1142	1142	1142	1142		No	1/7/2014	
LDP13	Temperature	oC	Quarterly during discharge	1	135	135	135	135		No	14/3/2014	
LDP13	Total Fluoride	mg/m3	Yearly during discharge	1	8.4	8.4	8.4	8.4	50	No	14/3/2014	
LDP13	Type 1 and Type 2 sulphur	mg/m3	Yearly during discharge	1	0.038	0.038	0.038	0.038	5	No	14/3/2014	
LDP13	Velocity	m/s	Quarterly during discharge	1	15	15	15	15		No	14/3/2014	
LDP13	Volumetric flowrate	m3/s	Quarterly during discharge	1	150	150	150	150		No	14/3/2014	
LDP18	Conductivity	uS/cm	Monthly during discharge							No	14/2/2014	Not sampled: due to no flow / no discharge.
LDP18	Oil and Grease	mg/L	Monthly during discharge						10	No	14/2/2014	Not sampled: due to no flow / no discharge.
LDP18	pH	pH	Monthly during discharge						6.5 to 8.5	No	14/2/2014	Not sampled: due to no flow / no discharge.
LDP18	Total suspended solids	mg/L	Monthly during discharge						30	No	14/2/2014	Not sampled: due to no flow / no discharge.
LDP21	Aluminium (dissolved)	mg/L	Monthly during discharge							No	14/3/2014	Not sampled: due to no flow / no discharge.
LDP21	Arsenic (dissolved)	mg/L	Monthly during discharge						0.024	No	14/3/2014	Not sampled: due to no flow / no discharge.
LDP21	Boron	mg/L	Monthly during discharge						1	No	14/3/2014	Not sampled: due to no flow / no discharge.
LDP21	Conductivity	uS/cm	Weekly during any discharge						2900	No	14/3/2014	Not sampled: due to no flow / no discharge.
LDP21	Copper (dissolved)	mg/L	Monthly during discharge							No	14/3/2014	Not sampled: due to no flow / no discharge.
LDP21	Fluoride	mg/L	Monthly during discharge						3	No	14/3/2014	Not sampled: due to no flow / no discharge.
LDP21	Nickel (dissolved)	mg/L	Monthly during discharge						0.06	No	14/3/2014	Not sampled: due to no flow / no discharge.
LDP21	pH	pH	Weekly during any discharge						6.5 to 9	No	14/2/2014	Not sampled: due to no flow / no discharge.
LDP21	Sulphate	mg/L	Weekly during any discharge						1600	No	14/3/2014	Not sampled: due to no flow / no discharge.

LDP21	Total suspended solids	mg/L	Monthly during discharge							No	14/3/2014	Not sampled: due to no flow / no discharge.
LDP21	Zinc (dissolved)	mg/L	Monthly during discharge							No	14/3/2014	Not sampled: due to no flow / no discharge.
LDP3	Boron	mg/L	Monthly during discharge	4	0.1	0.1	0.1	0.3		No	14/2/2014	
LDP3	Conductivity	uS/cm	Weekly during any discharge	4	1151	1180	1166	1237		No	14/2/2014	
LDP3	Filterable iron	mg/L	Monthly during discharge	1	0.005	0.005	0.005	0.005		No	14/2/2014	
LDP3	Filterable manganese	mg/L	Monthly during discharge	1	0	0	0	0		No	14/2/2014	
LDP3	Fluoride	mg/L	Weekly during any discharge	4	1.3	1.3	1.3	1.3		No	14/2/2014	
LDP3	pH	pH	Weekly during any discharge	4	8.3	8.4	8.4	8.4	6.5 to 8.5	No	14/2/2014	
LDP3	Selenium	mg/L	Monthly during discharge	1	0.001	0.001	0.001	0.001		No	14/2/2014	
LDP3	Sulphate	mg/L	Weekly during any discharge	4	37	69	57	126	1200	No	14/2/2014	
LDP3	Total suspended solids	mg/L	Weekly during any discharge	4	3	3.5	3.5	4	30	No	14/2/2014	
LDP4	Aluminium (dissolved)	mg/L	Monthly during discharge	1	0.009	0.009	0.009	0.009		No	7/10/2015	Correction: see Correction Log below for further detail.
LDP4	Arsenic (dissolved)	mg/L	Monthly during discharge	1	0.009	0.009	0.009	0.009	0.024	No	1/7/2014	
LDP4	Boron	mg/L	Monthly during discharge	1	0.24	0.24	0.24	0.24	1	No	7/10/2015	Correction: see Correction Log below for further detail.
LDP4	Conductivity	uS/cm	Weekly during any discharge	4	1462	1700	1652	2035	2900	No	14/2/2014	
LDP4	Copper (dissolved)	mg/L	Monthly during discharge	1	0.021	0.021	0.021	0.021		No	7/10/2015	Correction: see Correction Log below for further detail.
LDP4	Fluoride	mg/L	Monthly during discharge	4	1.3	1.5	1.5	1.8	3	No	14/2/2014	
LDP4	Nickel (dissolved)	mg/L	Monthly during discharge	1	0.007	0.007	0.007	0.007	0.06	No	1/7/2014	
LDP4	pH	pH	Weekly during any discharge	4	7.9	8	8	8.2	6.5 to 9	No	14/2/2014	
LDP4	Selenium	mg/L	Monthly during discharge	4	0.001	0.001	0.001	0.001		No	14/2/2014	
LDP4	Sulphate	mg/L	Weekly during any discharge	4	564	650	652	732	1600	No	14/2/2014	
LDP4	Total suspended solids	mg/L	Monthly during discharge	4	2	2.5	2.5	3	30	No	14/2/2014	
LDP4	Turbidity	NTU	Monthly during discharge	4	2.8	3.3	3.4	3.6	25	No	14/2/2014	
LDP4	Zinc (dissolved)	mg/L	Monthly during discharge	1	0.003	0.003	0.003	0.003		No	7/10/2015	Correction: see Correction Log below for further detail.
LDP5	Conductivity	uS/cm	Monthly during discharge							No	14/2/2014	Not sampled: due to no flow / no discharge.
LDP5	Oil and Grease	mg/L	Monthly during discharge						10	No	14/2/2014	Not sampled: due to no flow / no discharge.
LDP5	pH	pH	Monthly during discharge						6.5 to 8.5	No	14/2/2014	Not sampled: due to no flow / no discharge.
LDP5	Total suspended solids	mg/L	Monthly during discharge							No	14/2/2014	Not sampled: due to no flow / no discharge.

Monthly Exceedance Table

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=33433&SYSUID=1&LICID=766>

EPL Monitoring locations: <http://www.energyaustralia.com.au/servlet/Satellite?blobcol=urldata&blobheader=application%2Fpdf&blobheadername1=Content-Disposition&blobheadervalue1=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&blobheadername1=Content-Disposition&blobheadervalue1=attachment%3B+filename%3D%22License+Units+of+Measurement.pdf%22&blobkey=id&blobtable=MungoBlobs&blobwhere=1343703385887&ssbinary=true>

EPL Period monitored: January 2014

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
 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=33433&SYSUID=1&LICID=766>
<http://www.energyaustralia.com.au/servlet/Satellite?blobcol=urldata&blobheader=application%2Fpdf&blobheadername1=Content-Disposition&blobheadervalue1=attachment%3B+filename%3D%22Environment+monitoring+locations.pdf%22&blobkey=id&blobtable=MungoBlobs&blobwhere=1343703385873&ssbinary=true>
 EPL Monitoring locations: <http://www.energyaustralia.com.au/servlet/Satellite?blobcol=urldata&blobheader=application%2Fpdf&blobheadername1=Content-Disposition&blobheadervalue1=attachment%3B+filename%3D%22License+Units+of+Measurement.pdf%22&blobkey=id&blobtable=MungoBlobs&blobwhere=1343703385887&ssbinary=true>
 EPL Unit of measure abbreviations
 EPL Period monitored: January 2014

Sample Date	Licensed Monitoring Point Code	Pollutant	Unit of Measure	Original Data	Corrected Data	Date Corrected	Date Originally Published	Reason
5/1/2014	LDP4	Aluminium (dissolved)	mg/L	0.005		7/10/2015	14/2/2014	Amended to report data monthly, as per EPA licence variation dated 10 January 2014: sampling frequency changed from weekly to monthly during discharge.
12/1/2014	LDP4	Aluminium (dissolved)	mg/L	0.005		7/10/2015	14/2/2014	Amended to report data monthly, as per EPA licence variation dated 10 January 2014: sampling frequency changed from weekly to monthly during discharge.
19/1/2014	LDP4	Aluminium (dissolved)	mg/L	0.005		7/10/2015	14/2/2014	Amended to report data monthly, as per EPA licence variation dated 10 January 2014: sampling frequency changed from weekly to monthly during discharge.
26/1/2014	LDP4	Aluminium (dissolved)	mg/L	0.02	0.009	7/10/2015	14/2/2014	Amended to report data monthly, as per EPA licence variation dated 10 January 2014: sampling frequency changed from weekly to monthly during discharge.
5/1/2014	LDP4	Boron	mg/L	0.26		7/10/2015	14/2/2014	Amended to report data monthly, as per EPA licence variation dated 10 January 2014: sampling frequency changed from weekly to monthly during discharge.
12/1/2014	LDP4	Boron	mg/L	0.22		7/10/2015	14/2/2014	Amended to report data monthly, as per EPA licence variation dated 10 January 2014: sampling frequency changed from weekly to monthly during discharge.
19/1/2014	LDP4	Boron	mg/L	0.19		7/10/2015	14/2/2014	Amended to report data monthly, as per EPA licence variation dated 10 January 2014: sampling frequency changed from weekly to monthly during discharge.
26/1/2014	LDP4	Boron	mg/L	0.29	0.24	7/10/2015	14/2/2014	Amended to report data monthly, as per EPA licence variation dated 10 January 2014: sampling frequency changed from weekly to monthly during discharge.
5/1/2014	LDP4	Copper (dissolved)	mg/L	0.015		7/10/2015	14/2/2014	Amended to report data monthly, as per EPA licence variation dated 10 January 2014: sampling frequency changed from weekly to monthly during discharge.

12/1/2014	LDP4	Copper (dissolved)	mg/L	0.015		7/10/2015	14/2/2014	Amended to report data monthly, as per EPA licence variation dated 10 January 2014: sampling frequency changed from weekly to monthly during discharge.
19/1/2014	LDP4	Copper (dissolved)	mg/L	0.017		7/10/2015	14/2/2014	Amended to report data monthly, as per EPA licence variation dated 10 January 2014: sampling frequency changed from weekly to monthly during discharge.
26/1/2014	LDP4	Copper (dissolved)	mg/L	0.037	0.021	7/10/2015	14/2/2014	Amended to report data monthly, as per EPA licence variation dated 10 January 2014: sampling frequency changed from weekly to monthly during discharge.
5/1/2014	LDP4	Zinc (dissolved)	mg/L	0.003		7/10/2015	14/2/2014	Amended to report data monthly, as per EPA licence variation dated 10 January 2014: sampling frequency changed from weekly to monthly during discharge.
12/1/2014	LDP4	Zinc (dissolved)	mg/L	0.003		7/10/2015	14/2/2014	Amended to report data monthly, as per EPA licence variation dated 10 January 2014: sampling frequency changed from weekly to monthly during discharge.
19/1/2014	LDP4	Zinc (dissolved)	mg/L	0.003		7/10/2015	14/2/2014	Amended to report data monthly, as per EPA licence variation dated 10 January 2014: sampling frequency changed from weekly to monthly during discharge.
26/1/2014	LDP4	Zinc (dissolved)	mg/L	0.003	0.003	7/10/2015	14/2/2014	Amended to report data monthly, as per EPA licence variation dated 10 January 2014: sampling frequency changed from weekly to monthly during discharge.

Report General Comments

Please note:

- This report has been amended to incorporate the conditions of EPA Licence Review dated 10 Jan 2014.
- Subsequently, this report has been amended to report data monthly, as per EPA licence variation mentioned above.