

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>
<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 Monitoring locations:
 EPL Unit of measure abbreviations
 EPL Period monitored: January 2015
 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	234	380	380	526		No	13/2/2015	
LDP1	Aluminium (dissolved)	mg/L	Monthly during discharge							No	13/2/2015	Not sampled: due to no flow / no discharge.
LDP1	Arsenic (dissolved)	mg/L	Monthly during discharge							No	13/2/2015	Not sampled: due to no flow / no discharge.
LDP1	Boron	mg/L	Monthly during discharge							No	13/2/2015	Not sampled: due to no flow / no discharge.
LDP1	Conductivity	uS/cm	Weekly during any discharge						2900	No	13/2/2015	Not sampled: due to no flow / no discharge.
LDP1	Copper (dissolved)	mg/L	Monthly during discharge							No	13/2/2015	Not sampled: due to no flow / no discharge.
LDP1	Fluoride	mg/L	Monthly during discharge						3	No	13/2/2015	Not sampled: due to no flow / no discharge.
LDP1	Nickel (dissolved)	mg/L	Monthly during discharge							No	13/2/2015	Not sampled: due to no flow / no discharge.
LDP1	pH	pH	Weekly during any discharge						6.5 to 9	No	13/2/2015	Not sampled: due to no flow / no discharge.
LDP1	Selenium	mg/L	Monthly during discharge							No	13/2/2015	Not sampled: due to no flow / no discharge.
LDP1	Sulphate	mg/L	Weekly during any discharge						1600	No	13/2/2015	Not sampled: due to no flow / no discharge.
LDP1	Zinc (dissolved)	mg/L	Monthly during discharge							No	13/2/2015	Not sampled: due to no flow / no discharge.
LDP18	Oil and Grease	mg/L	Monthly during discharge	1	3.8	3.8	3.8	3.8	10	No	13/2/2015	
LDP18	pH	pH	Monthly during discharge	2	6.8	7.1	7.1	7.3	6.5 to 8.5	No	13/2/2015	
LDP18	Total suspended solids	mg/L	Monthly during discharge	1	50.5	50.5	50.5	50.5	30	Yes	13/2/2015	Exceedance: see Exceedance Table below for further detail.
LDP21	Aluminium (dissolved)	mg/L	Monthly during discharge							No	13/2/2015	Not sampled: due to no flow / no discharge.
LDP21	Arsenic (dissolved)	mg/L	Monthly during discharge						0.024	No	13/2/2015	Not sampled: due to no flow / no discharge.
LDP21	Boron	mg/L	Monthly during discharge						1	No	13/2/2015	Not sampled: due to no flow / no discharge.
LDP21	Conductivity	uS/cm	Weekly during any discharge						2900	No	13/2/2015	Not sampled: due to no flow / no discharge.
LDP21	Copper (dissolved)	mg/L	Monthly during discharge							No	13/2/2015	Not sampled: due to no flow / no discharge.
LDP21	Fluoride	mg/L	Monthly during discharge						3	No	13/2/2015	Not sampled: due to no flow / no discharge.
LDP21	Nickel (dissolved)	mg/L	Monthly during discharge						0.06	No	13/2/2015	Not sampled: due to no flow / no discharge.
LDP21	pH	pH	Weekly during any discharge						6.5 to 9	No	13/2/2015	Not sampled: due to no flow / no discharge.
LDP21	Sulphate	mg/L	Weekly during any discharge						1600	No	13/2/2015	Not sampled: due to no flow / no discharge.
LDP21	Total suspended solids	mg/L	Monthly during discharge							No	13/2/2015	Not sampled: due to no flow / no discharge.
LDP21	Zinc (dissolved)	mg/L	Monthly during discharge							No	13/2/2015	Not sampled: due to no flow / no discharge.
LDP3	Boron	mg/L	Monthly during discharge	1	0	0	0	0		No	13/2/2015	
LDP3	Conductivity	uS/cm	Weekly during any discharge	4	114	662	483	1570		No	13/2/2015	
LDP3	Filterable iron	mg/L	Monthly during discharge	1	0.02	0.02	0.02	0.02		No	13/2/2015	
LDP3	Filterable manganese	mg/L	Monthly during discharge	1	0	0	0	0		No	13/2/2015	
LDP3	Fluoride	mg/L	Weekly during any discharge	4	0.1	1.2	1.1	2.7		No	13/2/2015	
LDP3	pH	pH	Weekly during any discharge	4	7	7.6	7.6	8	6.5 to 8.5	No	13/2/2015	
LDP3	Selenium	mg/L	Monthly during discharge	1	0.001	0.001	0.001	0.001		No	13/2/2015	
LDP3	Sulphate	mg/L	Weekly during any discharge	4	6	278	190	727	1200	No	13/2/2015	
LDP3	Total suspended solids	mg/L	Weekly during any discharge	4	0.5	7.1	4.5	19	30	No	13/2/2015	
LDP4	Aluminium (dissolved)	mg/L	Monthly during discharge	1	0.02	0.02	0.02	0.02		No	13/2/2015	

LDP4	Arsenic (dissolved)	mg/L	Monthly during discharge	1	0.001	0.001	0.001	0.001	0.024	No	13/2/2015	
LDP4	Boron	mg/L	Monthly during discharge	1	0.13	0.13	0.13	0.13	1	No	13/2/2015	
												Not sampled: due to no flow / no discharge for period ending: 04/01/2015.
LDP4	Conductivity	uS/cm	Weekly during any discharge	2	708	771	771	834	2900	No	13/2/2015	Not sampled: due to no flow / no discharge for period ending: 25/01/2015.
LDP4	Copper (dissolved)	mg/L	Monthly during discharge	1	0.036	0.036	0.036	0.036		No	13/2/2015	
LDP4	Fluoride	mg/L	Monthly during discharge	2	0.6	0.6	0.6	0.7	3	No	13/2/2015	
LDP4	Nickel (dissolved)	mg/L	Monthly during discharge	1	0.032	0.032	0.032	0.032	0.06	No	13/2/2015	
												Not sampled: due to no flow / no discharge for period ending: 04/01/2015.
LDP4	pH	pH	Weekly during any discharge	2	7.3	7.4	7.4	7.4	6.5 to 9	No	13/2/2015	Not sampled: due to no flow / no discharge for period ending: 25/01/2015.
LDP4	Selenium	mg/L	Monthly during discharge	1	0.001	0.001	0.001	0.001		No	13/2/2015	
												Not sampled: due to no flow / no discharge for period ending: 04/01/2015.
LDP4	Sulphate	mg/L	Weekly during any discharge	2	269	289	289	308	1600	No	13/2/2015	Not sampled: due to no flow / no discharge for period ending: 25/01/2015.
LDP4	Total suspended sol	mg/L	Monthly during discharge	2	4	6	6	8	30	No	13/2/2015	
LDP4	Turbidity	NTU	Monthly during discharge	2	4.6	7.2	7.2	9.8	25	No	13/2/2015	
LDP4	Zinc (dissolved)	mg/L	Monthly during discharge	1	0.02	0.02	0.02	0.02		No	13/2/2015	
LDP5	Conductivity	uS/cm	Monthly during discharge	3	117	133	122	159		No	13/2/2015	
LDP5	Oil and Grease	mg/L	Monthly during discharge	3	2.5	2.5	2.5	2.5	10	No	13/2/2015	
LDP5	pH	pH	Monthly during discharge	3	7.4	7.7	7.7	8	6.5 to 8.5	No	13/2/2015	
LDP5	Total suspended sol	mg/L	Monthly during discharge	3	2	8	5	17		No	13/2/2015	

Monthly Exceedance Table

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EPL Period monitored: January 2015

Sample Date	Licensed Monitoring Point Code	Pollutant	Unit of Measure	Sample Value	100 Percentile Limit	Exceedance	Comment
11/01/2015	LDP18	Total Suspended Solids	mg/L	50.5	30	Yes	Suspended solids in discharge from coal storage area runoff settling pond LDP18 exceeded licence limit (30) following heavy rainfall event. Discharge through LDP18 was estimated at <5 ML/day and with the rate of flow in receiving waters (>200ML/day) it has been assessed that the exceedance has caused no environmental harm. Additional sediment controls have now been installed.

Monthly Correction Log

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<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>
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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	