Monthly Data Summary

Environmental Protection Licence 779

AGL Macquarie - Bayswater Power Station

Monitoring Period **FEBRUARY 2022**

Discharge & Monitoring Point 3

Air emission monitoring - Combined air emissions from boiler 1 via Points 7 and 8 to Point 1

Pollutant	Unit of measure	No. of samples required by licence	Dat a capture %	Lowest sample value	Mean of sample values	Highest sample value	100th percentile concentration limits
Nitrogen Oxides	mg/m3	Continuous	100.0%	409.1	537.2	671.1	1500 mg/m^3
Sulfur dioxide	mg/m3	Continuous	100.0%	788.6	892.5	1073.6	1700 mg/m^3

In addtion to the 100th percentile concentration limits, 99th percentile concentration limits of 1100 mg/m3 and 1400 mg/m3 apply to Nitrogen oxides and Sulfur dioxide, respectively .

Pollutant	Unit of measure	No. of samples required by licence	Date of sample	Most recent result	100th percentile concentration limits
Cadmium	mg/m3	Six monthly	24/08/2021	0.000150	0.2 mg/m^3
Chlorine	mg/m3	Six monthly	24/08/2021	0.007600	20 mg/m^3
Fluorine	mg/m3	Six monthly	24/08/2021	8.3	20 mg/m^3
Hydrogen chloride	mg/m3	Six monthly	24/08/2021	12.0	50 mg/m^3
Mercury	mg/m3	Six monthly	24/08/2021	0.0023	0.05 mg/m^3
Solid Particles	mg/m3	Quarterly	12/10/2021	16.11	50 mg/m^3
Sulfuric acid mist and sulfur trioxide (as SO3)	mg/m3	Six monthly	24/08/2021	1.70	100 mg/m^3
Type 1 and Type 2 substances in aggregate	mg/m3	Six monthly	24/08/2021	0.009	0.75 mg/m^3
Volatile organic compounds as n-propane equivalent	mg/m3	Six monthly	24/08/2021	0.05	10 mg/m^3

Measured concentrations from the boiler's A and B ducts are used to calculate the concentrations from the boiler. Some of the duct concentrations for some substances may be reported as less than the relevant Limit of Detetction, in which case the calculation uses 50% of the Limit of Detection value, in accordance with LBL Protocol rules.

The Station's Environment Protection Licence requires that Solid Particles are sampled from the A and B ducts 4 times per year each (once in each quarter). Other substances listed in the table are sampled twice per year. The table includes the most recent results available.

EPA Indentifcation Number 4

Air emission monitoring - Combined air emissions from boiler 2 via Points9 and 10 to Point 1

Pollutant	Unit of measure	No. of samples required by licence	Data capture %	Lowest sample value	Mean of sample values	Highest sample value	100th percentile concentration limits
Nitrogen Oxides	mg/m3	Continouus	100.00%	320.8	737.7	980.0	1500 mg/m^3
Suflur Dioxide	mg/m3	Continuous	100.00%	725.4	916.2	1146.2	1700 mg/m^3

In addtion to the 100th percentile concentration limits, 99th percentile concentration limits of 1100 mg/m3 and 1400 mg/m3 apply to Nitrogen oxides and Sulfur dioxide, respectively .

Pollutant	Unit of measure	No. of samples required by licence	Date of sample	Most recent result	100th percentile concentration limits
Cadmium	mg/m3	Six monthly	22/09/2021	0.000125	0.2 mg/m^3
Chlorine	mg/m3	Six monthly	22/09/2021	0.003500	20 mg/m^3
Fluorine	mg/m3	Six monthly	22/09/2021	15.0	20 mg/m^3
Hydrogen chloride	mg/m3	Six monthly	22/09/2021	26.0	50 mg/m^3
Mercury	mg/m3	Six monthly	22/09/2021	0.0024	0.05 mg/m^3
Solid Particles	mg/m3	Quarterly	3/11/2021	7.13	50 mg/m^3
Sulfuric acid mist and sulfur trioxide (as SO3)	mg/m3	Six monthly	22/09/2021	4.90	100 mg/m^3
Type 1 and Type 2 substances in aggregate	mg/m3	Six monthly	22/09/2021	0.0070	0.75 mg/m^3
Volatile organic compounds as n-propane equivalent	mg/m3	Six monthly	22/09/2021	0.03	10 mg/m^3

Measured concentrations from the boiler's A and B ducts are used to calculate the concentrations from the boiler. Some of the duct concentrations for some substances may be reported as less than the relevant Limit of Detetction, in which case the calculation uses 50% of the Limit of Detection value, in accordance with LBL Protocol rules.

The Station's Environment Protection Licence requires that Solid Particles are sampled from the A and B ducts 4 times per year each (once in each quarter). Other substances listed in the table are sampled twice per year. The table includes the most recent results available.

EPA Indentifcation Number 5

Air emission monitoring - Combined air emissions from boiler 3 via Points 11 and 12 to Point 2

Pollutant	Unit of measure	No. of samples required by licence	Data capture %	Lowest sample value	Mean of sample values	Highest sample value	100th percentile concentration limits
Nitrogen Oxides	mg/m3	Continouus	98.95%	230.2	552.4	741.1	1500 mg/m^3
Suflur Dioxide	mg/m3	Continuous	99.10%	685.1	1007.8	1364.7	1700 mg/m^3

In addtion to the 100th percentile concentration limits, 99th percentile concentration limits of 1100 mg/m3 and 1400 mg/m3 apply to Nitrogen oxides and Sulfur dioxide, respectively .

Pollutant	Unit of measure	No. of samples required by licence	Date of sample	Most recent result	100th percentile concentration limits
Cadmium	mg/m3	Six monthly	29/09/2021	0.000100	0.2 mg/m^3
Chlorine	mg/m3	Six monthly	29/09/2021	0.003000	20 mg/m^3
Fluorine	mg/m3	Six monthly	29/09/2021	15.0	20 mg/m^3
Hydrogen chloride	mg/m3	Six monthly	29/09/2021	19.0	50 mg/m^3
Mercury	mg/m3	Six monthly	29/09/2021	0.0020	0.05 mg/m^3
Solid Particles	mg/m3	Quarterly	4/11/2021	6.66	50 mg/m^3
Sulfuric acid mist and sulfur trioxide (as SO3)	mg/m3	Six monthly	29/09/2021	4.80	100 mg/m^3
Type 1 and Type 2 substances in aggregate	mg/m3	Six monthly	29/09/2021	0.009	0.75 mg/m^3
Volatile organic compounds as n-propane equivalent	mg/m3	Six monthly	29/09/2021	0.10	10 mg/m^3

Measured concentrations from the boiler's A and B ducts are used to calculate the concentrations from the boiler. Some of the duct concentrations for some substances may be reported as less than the relevant Limit of Detetction, in which case the calculation uses 50% of the Limit of Detection value, in accordance with LBL Protocol rules.

The Station's Environment Protection Licence requires that Solid Particles are sampled from the A and B ducts 4 times per year each (once in each quarter). Other substances listed in the table are sampled twice per year. The table includes the most recent results available.

EPA Indentifcation Number 6

Air emission monitoring - Combined air emissions from boiler 4 via Points 13 and 14 to Point 2

Pollutant	Unit of measure	No. of samples required by licence	Data capture %	Lowest sample value	Mean of sample values	Highest sample value	100th percentile concentration limits
Nitrogen Oxides	mg/m3	Continouus	100.00%	285.4	718.9	952.3	1500 mg/m^3
Suflur Dioxide	mg/m3	Continuous	100.00%	474.1	930.8	1117.4	1700 mg/m^3

In addtion to the 100th percentile concentration limits, 99th percentile concentration limits of 1100 mg/m3 and 1400 mg/m3 apply to Nitrogen oxides and Sulfur dioxide, respectively .

Pollutant	Unit of measure	No. of samples required by licence	Date of sample	Most recent result	100th percentile concentration limits
Cadmium	mg/m3	Six monthly	27/08/2021	0.000125	0.2 mg/m^3
Chlorine	mg/m3	Six monthly	27/08/2021	0.007100	20 mg/m^3
Fluorine	mg/m3	Six monthly	27/08/2021	7.9	20 mg/m^3
Hydrogen chloride	mg/m3	Six monthly	27/08/2021	16.0	50 mg/m^3
Mercury	mg/m3	Six monthly	27/08/2021	0.0013	0.05 mg/m^3
Solid Particles	mg/m3	Quarterly	13/10/2021	16.55	50 mg/m^3
Sulfuric acid mist and sulfur trioxide (as SO3)	mg/m3	Six monthly	27/08/2021	7.60	100 mg/m^3
Type 1 and Type 2 substances in aggregate	mg/m3	Six monthly	27/08/2021	0.006	0.75 mg/m^3
Volatile organic compounds as n-propane equivalent	mg/m3	Six monthly	27/08/2021	0.04	10 mg/m^3

Measured concentrations from the boiler's A and B ducts are used to calculate the concentrations from the boiler. Some of the duct concentrations for some substances may be reported as less than the relevant Limit of Detetction, in which case the calculation uses 50% of the Limit of Detection value, in accordance with LBL Protocol rules.

The Station's Environment Protection Licence requires that Solid Particles are sampled from the A and B ducts 4 times per year each (once in each quarter). Other substances listed in the table are sampled twice per year. The table includes the most recent results available.

EPA Indentifcation Number 7

Air emission monitoring - Boiler number 1 exhaust - duct A

Pollutant	Unit of measure	No. of samples required by licence	Data capture %	Lowest sample value	Mean of sample	Highest sample value
Nitrogen Oxides	mg/m3	Continouus	100.00%	409.1	537.2	671.1
Suflur Dioxide	mg/m3	Continuous	100.00%	788.6	892.5	1073.6
Flow	cubic metres per second	Continuous				
Moisture	percent	Continuous				
Oxygen	percent	Continouus				
Temperature	percent	degrees Celsius				

Pollutant	Unit of measure	No. of samples required by licence	# No. of samples collected and analysed	Date of sample	Most recent result
Cadmium	mg/m3	Six monthly	2	24/08/2021	<0.0003
Chlorine	mg/m3	Six monthly	2	24/08/2021	0.0076
Fluorine	mg/m3	Six monthly	2	24/08/2021	8.3
Hydrogen chloride	mg/m3	Six monthly	2	24/08/2021	12
Mercury	mg/m3	Six monthly	2	24/08/2021	0.0014
Solid Particles	mg/m3	Quarterly	2	18/01/2022	9.7
Sulfuric acid mist and sulfur trioxide (as SO3)	mg/m3	Six monthly	1	4/05/2021	2.4
Type 1 and Type 2 substances in aggregate	mg/m3	Six monthly	2	24/08/2021	<0.021
Volatile organic compounds as n-propane equivalent	mg/m3	Six monthly	2	4/05/2021	<0.09
Carbon dioxide	percent	Six monthly	2	24/08/2021	9.6

A less than sign, "<", before a result in the table above indicates that the measured result was less than the relevant Limit of Detection for that test. The Station's Environment Protection Licence requires that Solid Particles are sampled from the A and B ducts 4 times per year each (once in each quarter). Other substances listed in the table are sampled twice per year. The table includes the most recent results available.

Number of samples from the duct in the year to date

EPA Indentifcation Number 8

Air emission monitoring - Boiler number 1 exhaust - duct B

Pollutant	Unit of measure	No. of samples required by licence	Data capture %	Lowest sample value	Mean of sample	Highest sample value
Flow	cubic metres per second	Continuous				
Moisture	percent	Continuous				
Oxygen	percent	Continouus				
Temperature	degrees Celsius	Continuous				

Pollutant	Unit of measure	No. of samples required by licence	No. of samples collected and analysed	Date of sample	Most recent result
Cadmium	mg/m3	Six monthly	2	1/10/2019	<0.0003
Mercury	mg/m3	Six monthly	2	24/08/2021	0.0031
Solid Particles	mg/m3	Quarterly	2	18/01/2022	8.6
Type 1 and Type 2 substances in aggregate	mg/m3	Six monthly	2	24/08/2021	<0.016

A less than sign, "<", before a result in the table above indicates that the measured result was less than the relevant Limit of Detection for that test. The Station's Environment Protection Licence requires that Solid Particles are sampled from the A and B ducts 4 times per year each (once in each quarter). Other substances listed in the table are sampled twice per year. The table includes the most recent results available.

Number of samples from the duct in the year to date

EPA Indentifcation Number 9

Air emission monitoring - Boiler number 2 exhaust - duct A

Pollutant	Unit of measure	No. of samples required by licence	Data capture %	Lowest sample value	Mean of sample	Highest sample value
Flow	cubic metres per second	Continouus				
Moisture	percent	Continouus				
Oxygen	percent	Continouus				
Temperature	degrees Celsius	Continouus				

Pollutant	Unit of measure	No. of samples required by licence	No. of samples collected and analysed	Date of sample	Most recent result
Cadmium	mg/m3	Six monthly	2	25/10/2018	<0.0002
Mercury	mg/m3	Six monthly	2	22/09/2021	0.0028
Solid Particles	mg/m3	Quarterly	2	19/01/2022	6.6
Type 1 and Type 2 substances in aggregate	mg/m3	Six monthly	2	22/09/2021	<0.014

A less than sign, "<", before a result in the table above indicates that the measured result was less than the relevant Limit of Detection for that test. The Station's Environment Protection Licence requires that Solid Particles are sampled from the A and B ducts 4 times per year each (once in each quarter). Other substances listed in the table are sampled twice per year. The table includes the most recent results available.

Number of samples from the duct in the year to date

EPA Indentifcation Number 10

Air emission monitoring - Boiler number 2 exhaust - duct B

Pollutant	Unit of measure	No. of samples required by licence	Data capture %	Lowest sample value	Mean of sample	Highest sample value
Nitrogen Oxides	mg/m3	Continouus	100.00%	320.8	737.7	980.0
Suflur Dioxide	mg/m3	Continuous	100.00%	725.4	916.2	1146.2
Flow	cubic metres per second	Continuous				
Moisture	percent	Continuous				
Oxygen	percent	Continuous				
Temperature	degrees Celsius	Continuous				

Pollutant	Unit of measure	No. of samples required by licence	No. of samples collected and analysed	Date of sample	Most recent result
Cadmium	mg/m3	Six monthly	2	23/09/2020	<0.0003
Chlorine	mg/m3	Six monthly	2	21/09/2021	<0.007
Fluorine	mg/m3	Six monthly	2	21/09/2021	15
Hydrogen chloride	mg/m3	Six monthly	2	21/09/2021	26
Mercury	mg/m3	Six monthly	2	21/09/2021	0.002
Solid Particles	mg/m3	Quarterly	2	26/11/2020	11
Sulfuric acid mist and sulfur trioxide (as SO3)	mg/m3	Six monthly	1	26/11/2020	2.4
Type 1 and Type 2 substances in aggregate	mg/m3	Six monthly	2	2/03/2021	<0.014
Volatile organic compounds as n-propane equivalent	mg/m3	Six monthly	2	21/09/2021	<0.05
Carbon dioxide	percent	Six monthly	2	21/09/2021	11.7

A less than sign, "<", before a result in the table above indicates that the measured result was less than the relevant Limit of Detection for that test. The Station's Environment Protection Licence requires that Solid Particles are sampled from the A and B ducts 4 times per year each (once in each quarter). Other substances listed in the table are sampled twice per year. The table includes the most recent results available.

Number of samples from the duct in the year to date

EPA Indentifcation Number 11

Air emission monitoring - Boiler number 3 exhaust - duct A

Pollutant	Unit of measure	No. of samples required by licence	Data capture %	Lowest sample value	Mean of sample	Highest sample value
Nitrogen Oxides	mg/m3	Continouus	98.95%	230.2	552.4	741.1
Suflur Dioxide	mg/m3	Continuous	99.10%	685.1	1007.8	1364.7
Flow	cubic metres per second	Continuous				
Moisture	percent	Continuous				
Oxygen	percent	Continuous				
Temperature	degrees Celsius	Continuous				

Pollutant	Unit of measure	No. of samples required by licence	No. of samples collected and analysed	Date of sample	Most recent result
Cadmium	mg/m3	Six monthly	2	2/04/2019	<0.0002
Chlorine	mg/m3	Six monthly	2	29/09/2021	<0.006
Fluorine	mg/m3	Six monthly	2	29/09/2021	15
Hydrogen chloride	mg/m3	Six monthly	2	29/09/2021	19
Mercury	mg/m3	Six monthly	2	29/09/2021	0.0018
Solid Particles	mg/m3	Quarterly	2	20/01/2022	6.5
Sulfuric acid mist and sulfur trioxide (as SO3)	mg/m3	Six monthly	1	5/05/2021	4
Type 1 and Type 2 substances in aggregate	mg/m3	Six monthly	2	29/09/2021	<0.016
Volatile organic compounds as n-propane equivalent	mg/m3	Six monthly	2	29/09/2021	0.095
Carbon dioxide	percent	Six monthly	2	29/09/2021	10.7

A less than sign, "<", before a result in the table above indicates that the measured result was less than the relevant Limit of Detection for that test. The Station's Environment Protection Licence requires that Solid Particles are sampled from the A and B ducts 4 times per year each (once in each quarter). Other substances listed in the table are sampled twice per year. The table includes the most recent results available.

Number of samples from the duct in the year to date

EPA Indentifcation Number 12

Air emission monitoring - Boiler number 3 exhaust - duct B

Pollutant	Unit of measure	No. of samples required by licence	Data capture %	Lowest sample value	Mean of sample	Highest sample value
Flow	cubic metres per second	Continuous				
Moisture	percent	Continuous				
Oxygen	percent	Continuous				
Temperature	degrees Celsius	Continuous				

Pollutant	Unit of measure	No. of samples required by licence	No. of samples collected and analysed	Date of sample	Most recent result
Cadmium	mg/m3	Six monthly	2	26/05/2020	<0.0002
Mercury	mg/m3	Six monthly	2	30/09/2021	0.0021
Solid Particles	mg/m3	Quarterly	2	4/11/2021	8.5
Type 1 and Type 2 substances in aggregate	mg/m3	Six monthly	2	30/09/2021	<0.019

A less than sign, "<", before a result in the table above indicates that the measured result was less than the relevant Limit of Detection for that test.

Number of samples from the duct in the year to date

EPA Indentifcation Number 13

Air emission monitoring - Boiler number 4 exhaust - duct A

Pollutant	Unit of measure	No. of samples required by licence	Data capture %	Lowest sample value	Mean of sample	Highest sample value
Flow	cubic metres per second	Continouus				
Moisture	percent	Continouus				
Oxygen	percent	Continouus				
Temperature	degrees Celsius	Continouus				

Pollutant	Unit of measure	No. of samples required by licence	No. of samples collected and analysed	Date of sample	Most recent result
Cadmium	mg/m3	Six monthly	2	22/09/2020	<0.0002
Mercury	mg/m3	Six monthly	2	27/08/2021	0.0005
Solid Particles	mg/m3	Quarterly	2	21/01/2022	8.5
Type 1 and Type 2 substances in aggregate	mg/m3	Six monthly	2	27/08/2021	<0.0091

A less than sign, "<", before a result in the table above indicates that the measured result was less than the relevant Limit of Detection for that test. The Station's Environment Protection Licence requires that Solid Particles are sampled from the A and B ducts 4 times per year each (once in each quarter). Other substances listed in the table are sampled twice per year. The table includes the most recent results available.

Number of samples from the duct in the year to date

EPA Indentifcation Number 14

Air emission monitoring - Boiler number 4 exhaust - duct B

Pollutant	Unit of measure	No. of samples required by licence	Data capture %	Lowest sample value	Mean of sample	Highest sample value
Nitrogen Oxides	mg/m3	Continouus	100.00%	285.4	718.9	952.3
Suflur Dioxide	mg/m3	Continuous	100.00%	474.1	930.8	1117.4
Flow	cubic metres per second	Continuous				
Moisture	percent	Continuous				
Oxygen	percent	Continuous				
Temperature	degrees Celsius	Continuous				

Pollutant	Unit of measure	No. of samples required by licence	No. of samples collected and analysed	Date of sample	Most recent result
Cadmium	mg/m3	Six monthly	2	22/09/2020	<0.0003
Chlorine	mg/m3	Six monthly	2	26/08/2021	0.0071
Fluorine	mg/m3	Six monthly	2	26/08/2021	7.9
Hydrogen chloride	mg/m3	Six monthly	2	26/08/2021	16
Mercury	mg/m3	Six monthly	2	26/08/2021	0.0021
Solid Particles	mg/m3	Quarterly	2	21/01/2022	14
Sulfuric acid mist and sulfur trioxide (as SO3)	mg/m3	Six monthly	1	6/05/2021	3.8
Type 1 and Type 2 substances in aggregate	mg/m3	Six monthly	2	4/03/2021	<0.016
Volatile organic compounds as n-propane equivalent	mg/m3	Six monthly	2	26/08/2021	<0.08
Carbon dioxide	percent	Six monthly	2	26/08/2021	10.8

A less than sign, "<", before a result in the table above indicates that the measured result was less than the relevant Limit of Detection for that test. The Station's Environment Protection Licence requires that Solid Particles are sampled from the A and B ducts 4 times per year each (once in each quarter). Other substances listed in the table are sampled twice per year. The table includes the most recent results available.

Number of samples from the duct in the year to date

Discharge & Monitoring Point 19

Discharge to waters - Discharge quality monitoring, Volume monitoring

Discharge from cooling towers to Tinkers Creek, marked and shown as EPL Monitors ID No. 19 on The Plans

Pollutant	Unit of measure	Sampling / measurment frequency	Samples collected and analysed	Lowest sample value	Mean of samples	Highest sample value	100th percentile concentration limits
Conductivity	uS/cm	Continuous during discharge	99.98%	220	3360	4027	4500 uS/cm
Oil and Grease	mg/L	Fortnightly	2	<2	1	<2	10 mg/L
pH	pH Units	Continuous	99.99%	7.4	8.3	8.8	6.5 - 9.0
Volume discharge	Megalitres per month	Continuous during discharge	4		592.0		840 ML

Discharge & Monitoring Point 20

Discharge to waters - Discharge quality monitoring, Volume monitoring

Discharge from main station oil and water separator holding basin to Tinkers Creek marked and shown as EPL Monitors ID No. 20 on The Plans

Pollutant	Unit of measure	Sampling / measurment frequency	Samples collected and analysed	Lowest sample value	Mean of samples	Highest sample value	100th percentile concentration limits
Oil and Grease	mg/L	Fortnightly	3	<2	1	<2	10 mg/L
Total suspended solids	mg/L	Fortnightly	3	<5	4	7	30 mg/L
Volume discharge	kilolitres per week	Continuous during discharge	3	0	12,052	13,081	36,400 kL

Discharge & Monitoring Point 21

Discharge to waters - Discharge quality monitoring, Volume monitoring

Discharge from Bayswater Ash Dam unlined flood spillway (located near left abutment) to Chilcotts Creek marked and shown as EPL Monitors ID No. 21 on The Plans

Pollutant	Unit of measure	Sampling / measurment frequency	Samples collected and analysed	Lowest sample value	Mean of samples	Highest sample value	100th percentile concentration limits
Boron	mg/L	Weekly duirng any discharge	3	4.41	5.07	5.44	
Cadmium	mg/L	Weekly duirng any discharge	3	0.0003	0.0004	0.0004	
Conductivity	uS/cm	Continuous during discharge	3	3710	3823	4040	-
Copper	mg/L	Weekly duirng any discharge	3	<0.001	0.001	0.002	
Iron	mg/L	Weekly duirng any discharge	3	0.1	0.16	0.22	
Molybdenum	mg/L	Weekly duirng any discharge	3	0.586	0.639	0.743	
Nickel	mg/L	Weekly duirng any discharge	3	0.014	0.012	0.016	
pH	pH Units	Weekly duirng any discharge	3	7.72	7.82	7.97	
Silver	mg/L	Weekly duirng any discharge	3	<0.001	0.0005	<0.001	
Volume discharge	Megalitres per day	Daily during any discharge	4	5513	25663	37721	

Discharge & Monitoring Point 22

Discharge to waters - Volume monitoring

Discharge of recirculated water from the Hunter River to Lake Liddell marked and shown as EPL Monitors ID No. 22 on The Plans

Pollutant	Unit of measure	Sampling / measurment frequency	Samples collected and analysed	Lowest sample value	Mean of samples	Highest sample value	100th percentile concentration limits
Volume discharge	kilolitres per day	Continuous during discharge	26	5	40	59	

Discharge & Monitoring Point 23

Discharge of saline water under the Hunter River Salinity Trading Scheme, Discharge water quality monitoring, Volume monitoring

Discharge of saline wates from discharge pipe from the Lake Liddell dam wall marked and shown as EPL Monitors ID No. 23 on The Plans

Pollutant	Unit of measure	Sampling / measurment frequency	Samples collected and analysed	Lowest sample value	Mean of samples	Highest sample value	100th percentile concentration limits
Conductivity	uS/cm	Continuous during discharge	0				-
pH	pH Units	Weekly duirng any discharge	0				6.5 - 8.5
Total suspended solids	mg/L	Monthly during discharge	0				30 mg/L
Volume discharge	Megalitres per day	Continuous during discharge	0				700 ML

Discharge did not occur

Discharge & Monitoring Point 24

Discharge of saline waters from inlet pipe located at the Void 4 pontoon pump system marked and shown as EPL Monitors ID NO. 24 on The Plans

Discharge of saline wates from discharge pipe from the Lake Liddell dam wall marked and shown as EPL Monitors ID No. 23 on The Plans

Pollutant	Unit of measure	Sampling / measurment frequency	Samples collected and analysed	Lowest sample value	Mean of samples	Highest sample value	100th percentile concentration limits
Boron	mg/L	Weekly duirng any discharge	0				0.81 mg/L
Cadmium	mg/L	Weekly duirng any discharge	0				0.0003 mg/L
Copper	mg/L	Weekly duirng any discharge	0				0.001 mg/L
Conductivity	uS/cm	Continuous during discharge	0				-
Iron	mg/L	Weekly duirng any discharge	0				0.27 mg/L
Molybdenum	mg/L	Weekly duirng any discharge	0				0.29 mg/L
Nickel	mg/L	Weekly duirng any discharge	0				0.019 mg/L
pH	pH Units	Weekly duirng any discharge	0				6.5 - 9.5
Silver	mg/L	Weekly duirng any discharge	0				0.0005 mg/L
Total suspended solids	mg/L	Monthly during discharge	0				30 mg/L
Volume discharge	Megalitres per day	Continuous during discharge	0				20 ML

Discharge did not occur

Details of Non-Compliance with Licence Conditions

Licence condition number not complied with

N/A

Summary of particulars of the non-compliance **(NO MORE THAN 50 WORDS)**

If required, further details on particulars of non-compliance

Date(s) when the non-compliance occurred, if applicable

If relevant, precise location where the non-compliance occurred (attach a map or diagram)

If applicable, registration numbers of any vehicles or the chassis number of any mobile plant involved in the non-compliance

Cause of non-compliance

Action taken or that will be taken to mitigate any adverse effects of the non-compliance

Action taken or that will be taken to prevent a recurrence of the non-compliance