Monthly Data Summary

Environmental Protection Licence 779

AGL Macquarie - Bayswater Power Station

Monitoring Period **FEBRUARY 2021**

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%	383.4	627.1	767.3	1500 mg/m^3
Sulfur dioxide	mg/m3	Continuous	100.0%	753.1	924.6	1410.6	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	22/09/2020	0.000100	0.2 mg/m^3
Chlorine	mg/m3	Six monthly	22/09/2020	0.018000	20 mg/m^3
Fluorine	mg/m3	Six monthly	22/09/2020	9.3	20 mg/m^3
Hydrogen chloride	mg/m3	Six monthly	22/09/2020	16.0	50 mg/m^3
Mercury	mg/m3	Six monthly	22/09/2020	0.0015	0.05 mg/m^3
Solid Particles	mg/m3	Quarterly	3/03/2021	6.71	50 mg/m^3
Sulfuric acid mist and sulfur trioxide (as SO3)	mg/m3	Six monthly	22/09/2020	2.40	100 mg/m^3
Type 1 and Type 2 substances in aggregate	mg/m3	Six monthly	22/09/2020	0.009	0.75 mg/m^3
Volatile organic compounds as n-propane equivalent	mg/m3	Six monthly	22/09/2020	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%	316.6	416.2	601.7	1500 mg/m^3
Suflur Dioxide	mg/m3	Continuous	100.00%	779.8	964.9	1377.2	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	23/09/2020	0.000150	0.2 mg/m^3
Chlorine	mg/m3	Six monthly	23/09/2020	0.140000	20 mg/m^3
Fluorine	mg/m3	Six monthly	23/09/2020	4.7	20 mg/m^3
Hydrogen chloride	mg/m3	Six monthly	23/09/2020	14.0	50 mg/m^3
Mercury	mg/m3	Six monthly	23/09/2020	0.0014	0.05 mg/m^3
Solid Particles	mg/m3	Quarterly	2/03/2021	8.30	50 mg/m^3
Sulfuric acid mist and sulfur trioxide (as SO3)	mg/m3	Six monthly	23/09/2020	2.40	100 mg/m^3
Type 1 and Type 2 substances in aggregate	mg/m3	Six monthly	23/09/2020	0.0078	0.75 mg/m^3
Volatile organic compounds as n-propane equivalent	mg/m3	Six monthly	23/09/2020	0.18	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	100.00%	421.4	713.3	950.7	1500 mg/m^3
Suflur Dioxide	mg/m3	Continuous	100.00%	704.2	902.0	1321.7	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	25/11/2020	0.000100	0.2 mg/m^3
Chlorine	mg/m3	Six monthly	25/11/2020	0.040000	20 mg/m^3
Fluorine	mg/m3	Six monthly	25/11/2020	9.0	20 mg/m^3
Hydrogen chloride	mg/m3	Six monthly	25/11/2020	15.0	50 mg/m^3
Mercury	mg/m3	Six monthly	25/11/2020	0.0027	0.05 mg/m^3
Solid Particles	mg/m3	Quarterly	5/03/2021	7.81	50 mg/m^3
Sulfuric acid mist and sulfur trioxide (as SO3)	mg/m3	Six monthly	25/11/2020	4.00	100 mg/m^3
Type 1 and Type 2 substances in aggregate	mg/m3	Six monthly	25/11/2020	0.012	0.75 mg/m^3
Volatile organic compounds as n-propane equivalent	mg/m3	Six monthly	25/11/2020	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 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%	236.0	413.7	665.2	1500 mg/m^3
Suflur Dioxide	mg/m3	Continuous	100.00%	724.2	894.2	1231.0	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	22/09/2020	0.000150	0.2 mg/m^3
Chlorine	mg/m3	Six monthly	22/09/2020	0.000000	20 mg/m^3
Fluorine	mg/m3	Six monthly	22/09/2020	9.9	20 mg/m^3
Hydrogen chloride	mg/m3	Six monthly	22/09/2020	14.0	50 mg/m^3
Mercury	mg/m3	Six monthly	22/09/2020	0.0028	0.05 mg/m^3
Solid Particles	mg/m3	Quarterly	4/03/2021	4.81	50 mg/m^3
Sulfuric acid mist and sulfur trioxide (as SO3)	mg/m3	Six monthly	22/09/2020	3.80	100 mg/m^3
Type 1 and Type 2 substances in aggregate	mg/m3	Six monthly	22/09/2020	0.009	0.75 mg/m^3
Volatile organic compounds as n-propane equivalent	mg/m3	Six monthly	22/09/2020	0.99	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%	383.4	627.1	767.3
Suflur Dioxide	mg/m3	Continuous	100.00%	753.1	924.6	1410.6
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	23/10/2018	<0.0002
Chlorine	mg/m3	Six monthly	2	4/05/2021	0.018
Fluorine	mg/m3	Six monthly	2	4/05/2021	9.3
Hydrogen chloride	mg/m3	Six monthly	2	4/05/2021	16
Mercury	mg/m3	Six monthly	2	3/03/2021	0.0015
Solid Particles	mg/m3	Quarterly	4	3/03/2021	6.5
Sulfuric acid mist and sulfur trioxide (as SO3)	mg/m3	Six monthly	2	4/05/2021	2.4
Type 1 and Type 2 substances in aggregate	mg/m3	Six monthly	2	3/03/2021	<0.018
Volatile organic compounds as n-propane equivalent	mg/m3	Six monthly	2	4/05/2021	<0.09
Carbon dioxide	percent	Six monthly	2	4/05/2021	11.1

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	3/03/2021	<0.0002
Mercury	mg/m3	Six monthly	2	3/03/2021	0.0016
Solid Particles	mg/m3	Quarterly	4	4/05/2021	17
Type 1 and Type 2 substances in aggregate	mg/m3	Six monthly	2	3/03/2021	<0.018

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	2/03/2021	<0.0003
Mercury	mg/m3	Six monthly	2	2/03/2021	0.002
Solid Particles	mg/m3	Quarterly	4	2/03/2021	6.7
Type 1 and Type 2 substances in aggregate	mg/m3	Six monthly	2	2/03/2021	<0.017

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%	316.6	416.2	601.7
Suflur Dioxide	mg/m3	Continuous	100.00%	779.8	964.9	1377.2
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	26/11/2020	0.14
Fluorine	mg/m3	Six monthly	2	26/11/2020	4.7
Hydrogen chloride	mg/m3	Six monthly	2	26/11/2020	14
Mercury	mg/m3	Six monthly	2	2/03/2021	0.00077
Solid Particles	mg/m3	Quarterly	4	3/03/2021	10
Sulfuric acid mist and sulfur trioxide (as SO3)	mg/m3	Six monthly	2	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	26/11/2020	0.18
Carbon dioxide	percent	Six monthly	2	2/03/2021	9.2

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	100.00%	421.4	713.3	950.7
Suflur Dioxide	mg/m3	Continuous	100.00%	704.2	902.0	1321.7
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	5/05/2021	0.04
Fluorine	mg/m3	Six monthly	2	5/05/2021	9
Hydrogen chloride	mg/m3	Six monthly	2	5/05/2021	15
Mercury	mg/m3	Six monthly	2	5/03/2021	0.0023
Solid Particles	mg/m3	Quarterly	4	5/05/2021	7.3
Sulfuric acid mist and sulfur trioxide (as SO3)	mg/m3	Six monthly	2	5/05/2021	4
Type 1 and Type 2 substances in aggregate	mg/m3	Six monthly	2	5/03/2021	<0.032
Volatile organic compounds as n-propane equivalent	mg/m3	Six monthly	2	5/05/2021	<0.1
Carbon dioxide	percent	Six monthly	2	5/05/2021	11.2

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	5/03/2021	0.0031
Solid Particles	mg/m3	Quarterly	4	25/11/2020	13
Type 1 and Type 2 substances in aggregate	mg/m3	Six monthly	2	5/03/2021	<0.015

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

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	4/03/2021	<0.0003
Mercury	mg/m3	Six monthly	2	4/03/2021	0.0033
Solid Particles	mg/m3	Quarterly	4	6/05/2021	8.9
Type 1 and Type 2 substances in aggregate	mg/m3	Six monthly	2	4/03/2021	<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. 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%	236.0	413.7	665.2
Suflur Dioxide	mg/m3	Continuous	100.00%	724.2	894.2	1231.0
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	6/05/2021	0.036
Fluorine	mg/m3	Six monthly	2	6/05/2021	9.9
Hydrogen chloride	mg/m3	Six monthly	2	6/05/2021	14
Mercury	mg/m3	Six monthly	2	4/03/2021	0.0024
Solid Particles	mg/m3	Quarterly	4	6/05/2021	9.8
Sulfuric acid mist and sulfur trioxide (as SO3)	mg/m3	Six monthly	2	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	6/05/2021	0.99
Carbon dioxide	percent	Six monthly	2	6/05/2021	12

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%	268	3125	3656	4500 uS/cm
Oil and Grease	mg/L	Fortnightly	2	<2	1	<2	10 mg/L
pH	pH Units	Continuous	99.98%	7.3	8.0	8.5	6.5 - 9.0
Volume discharge	Megalitres per month	Continuous during discharge	10	138.3			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	4	<2	1	<2	10 mg/L
Total suspended solids	mg/L	Fortnightly	4	<5	4	10	30 mg/L
Volume discharge	kilolitres per week	Continuous during discharge	4	0	9821	10676	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					
Cadmium	mg/L	Weekly duirng any discharge					
Conductivity	uS/cm	Continuous during discharge					-
Copper	mg/L	Weekly duirng any discharge					
Iron	mg/L	Weekly duirng any discharge					
Molybdenum	mg/L	Weekly duirng any discharge					
Nickel	mg/L	Weekly duirng any discharge					
pH	pH Units	Weekly duirng any discharge					
Silver	mg/L	Weekly duirng any discharge					
Volume discharge	Megalitres per day	Daily during any discharge					
Discharge did not occur							

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	28	7852	51581	59140	

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					-
pH	pH Units	Weekly duirng any discharge					6.5 - 8.5
Total suspended solids	mg/L	Monthly during discharge					30 mg/L
Volume discharge	Megalitres per day	Continuous during discharge					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					0.81 mg/L
Cadmium	mg/L	Weekly duirng any discharge					0.0003 mg/L
Copper	mg/L	Weekly duirng any discharge					0.001 mg/L
Conductivity	uS/cm	Continuous during discharge					-
Iron	mg/L	Weekly duirng any discharge					0.27 mg/L
Molybdenum	mg/L	Weekly duirng any discharge					0.29 mg/L
Nickel	mg/L	Weekly duirng any discharge					0.019 mg/L
pH	pH Units	Weekly duirng any discharge					6.5 - 9.5
Silver	mg/L	Weekly duirng any discharge					0.0005 mg/L
Total suspended solids	mg/L	Monthly during discharge					30 mg/L
Volume discharge	Megalitres per day	Continuous during discharge					20 ML
Discharge did not occur							

Details of Non-Compliance with Licence Conditions

N/A
Licence condition number not complied with
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