

Report Period

2025 - 11

2025 - 10

2025 - 09

2025 - 08

2025 - 07

2025 - 06

2025 - 05

2025 - 04

2025 - 03

2025 - 02

2025 - 01

2024 - 12

Monthly Data Summary

AGL Macquarie - Bayswater Power Station

Environmental Protection Licence: 779



Exceptions

Report Start	Report End
1 October 2025	31 October 2025

The following charts provide a rolling 12-month view of any monitoring points with results outside the licence limits in the report month. If there are no charts displayed then no exceedances were recorded.



EPA Monitoring Point 03

Report Start	Report End
1 October 2025	31 October 2025

Combined air emissions from boiler 1 via Points 7 and 8 to Point 1 marked and shown as EPL Monitors ID No. 3 on The Plans

Pollutant	Units	Sampling Frequency	No. of Samples	Lowest Value	Mean Value	Highest Value
Cadmium	mg/m3	Every 6 months				
Chlorine	mg/m3	Every 6 months				
Fluorine	mg/m3	Every 6 months				
Hydrogen Chloride	mg/m3	Every 6 months				
Mercury	mg/m3	Every 6 months				
NOx	mg/m3	Continuous when generating	741	284.62064	612.15282	900.03534
SO2	mg/m3	Continuous when generating	741	776.77051	1084.54511	1327.99524
Solid Particles	mg/m3	Quarterly				
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months				
Type 1&2 Substances	mg/m3	Every 6 months				
Volatile Organic Compounds	mg/m3	Every 6 months				



EPA Monitoring Point 04

Report Start	Report End
1 October 2025	31 October 2025

Combined air emissions from boiler 2 via Points 9 and 10 to Point 1 marked and shown as EPL Monitors ID No. 4 on The Plans

Pollutant	Units	Sampling Frequency	No. of Samples	Lowest Value	Mean Value	Highest Value
Cadmium	mg/m3	Every 6 months				
Chlorine	mg/m3	Every 6 months				
Fluorine	mg/m3	Every 6 months				
Hydrogen Chloride	mg/m3	Every 6 months				
Mercury	mg/m3	Every 6 months				
NOx	mg/m3	Continuous when generating	641	1.41143	530.94279	774.61499
SO2	mg/m3	Continuous when generating	641	8.67541	968.95000	1216.34448
Solid Particles	mg/m3	Quarterly				
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months				
Type 1&2 Substances	mg/m3	Every 6 months				
Volatile Organic Compounds	mg/m3	Every 6 months				



EPA Monitoring Point 05

Report Start	Report End
1 October 2025	31 October 2025

Combined air emissions from boiler 3 via Points 11 and 12 to Point 2 marked and shown as EPL Monitors ID No. 5 on The Plans

Pollutant	Units	Sampling Frequency	No. of Samples	Lowest Value	Mean Value	Highest Value
Cadmium	mg/m3	Every 6 months				
Chlorine	mg/m3	Every 6 months				
Fluorine	mg/m3	Every 6 months				
Hydrogen Chloride	mg/m3	Every 6 months				
Mercury	mg/m3	Every 6 months				
NOx	mg/m3	Continuous when generating	440	23.61705	476.18786	753.15149
SO2	mg/m3	Continuous when generating	440	15.61203	943.24060	1174.62524
Solid Particles	mg/m3	Quarterly				
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months				
Type 1&2 Substances	mg/m3	Every 6 months				
Volatile Organic Compounds	mg/m3	Every 6 months				



EPA Monitoring Point 06

Report Start	Report End
1 October 2025	31 October 2025

Combined air emissions from boiler 4 via Points 13 and 14 to Point 2 marked and shown as EPL Monitors ID No. 6 on The Plans

Pollutant	Units	Sampling Frequency	No. of Samples	Lowest Value	Mean Value	Highest Value
Cadmium	mg/m3	Every 6 months				
Chlorine	mg/m3	Every 6 months				
Fluorine	mg/m3	Every 6 months				
Hydrogen Chloride	mg/m3	Every 6 months				
Mercury	mg/m3	Every 6 months				
NOx	mg/m3	Continuous when generating				
SO2	mg/m3	Continuous when generating				
Solid Particles	mg/m3	Quarterly				
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months				
Type 1&2 Substances	mg/m3	Every 6 months				
Volatile Organic Compounds	mg/m3	Every 6 months				



EPA Monitoring Point 07

Report Start	Report End
1 October 2025	31 October 2025

Boiler number 1 exhaust - duct A marked and shown as EPL Monitors ID No. 7 on The Plans

Pollutant	Units	Sampling Frequency	No. of Samples	Lowest Value	Mean Value	Highest Value
Cadmium	mg/m3	Every 6 months				
Chlorine	mg/m3	Every 6 months				
CO2	%	Every 6 months				
Fluorine	mg/m3	Every 6 months				
Hydrogen Chloride	mg/m3	Every 6 months				
Mercury	mg/m3	Every 6 months				
NOx	mg/m3	Continuous when generating	741	243.52477	517.26004	783.52832
SO2	mg/m3	Continuous when generating	741	742.99670	1026.04327	1263.99927
Solid Particles	mg/m3	Quarterly				
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months				
Type 1&2 Substances	mg/m3	Every 6 months				
Volatile Organic Compounds	mg/m3	Every 6 months				



EPA Monitoring Point 08

Report Start	Report End
1 October 2025	31 October 2025

Boiler number 1 exhaust - duct B marked and shown as EPL Monitors ID No. 8 on The Plans

Pollutant	Units	Sampling Frequency	No. of Samples	Lowest Value	Mean Value	Highest Value
Cadmium	mg/m3	Every 6 months				
CO2	%	Every 6 months				
Mercury	mg/m3	Every 6 months				
NOx	mg/m3	Continuous when generating	741	325.76865	707.02222	1050.70557
SO2	mg/m3	Continuous when generating	741	810.21362	1143.22750	1418.96448
Solid Particles	mg/m3	Quarterly				
Type 1&2 Substances	mg/m3	Every 6 months				



EPA Monitoring Point 09

Report Start	Report End
1 October 2025	31 October 2025

Boiler number 2 exhaust - duct A marked and shown as EPL Monitors ID No. 9 on The Plans

Pollutant	Units	Sampling Frequency	No. of Samples	Lowest Value	Mean Value	Highest Value
Cadmium	mg/m3	Every 6 months				
CO2	%	Every 6 months				
Mercury	mg/m3	Every 6 months				
NOx	mg/m3	Continuous when generating	639	255.45300	561.64709	846.30133
SO2	mg/m3	Continuous when generating	639	743.62421	1000.25380	1272.30811
Solid Particles	mg/m3	Quarterly				
Type 1&2 Substances	mg/m3	Every 6 months				



EPA Monitoring Point 11

Report Start	Report End
1 October 2025	31 October 2025

Boiler number 3 exhaust - duct A marked and shown as EPL Monitors ID No. 11 on The Plans

Pollutant	Units	Sampling Frequency	No. of Samples	Lowest Value	Mean Value	Highest Value
Cadmium	mg/m3	Every 6 months				
Chlorine	mg/m3	Every 6 months				
CO2	%	Every 6 months				
Fluorine	mg/m3	Every 6 months				
Hydrogen Chloride	mg/m3	Every 6 months				
Mercury	mg/m3	Every 6 months				
NOx	mg/m3	Continuous when generating	440	223.19414	517.05455	789.09497
SO2	mg/m3	Continuous when generating	440	663.75220	909.32695	1106.79639
Solid Particles	mg/m3	Quarterly				
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months				
Type 1&2 Substances	mg/m3	Every 6 months				
Volatile Organic Compounds	mg/m3	Every 6 months				



EPA Monitoring Point 12

Report Start	Report End
1 October 2025	31 October 2025

Boiler number 3 exhaust - duct B marked and shown as EPL Monitors ID No. 12 on The Plans

Pollutant	Units	Sampling Frequency	No. of Samples	Lowest Value	Mean Value	Highest Value
Cadmium	mg/m3	Every 6 months				
CO2	%	Every 6 months				
Mercury	mg/m3	Every 6 months				
NOx	mg/m3	Continuous when generating	440	184.56500	436.64952	717.05707
SO2	mg/m3	Continuous when generating	440	780.48730	981.60721	1243.07263
Solid Particles	mg/m3	Quarterly				
Type 1&2 Substances	mg/m3	Every 6 months				



EPA Monitoring Point 13

Report Start	Report End
1 October 2025	31 October 2025

Boiler number 4 exhaust - duct A marked and shown as EPL Monitors ID No. 13 on The Plans

Pollutant	Units	Sampling Frequency	No. of Samples	Lowest Value	Mean Value	Highest Value
Cadmium	mg/m3	Every 6 months				
CO2	%	Every 6 months				
Mercury	mg/m3	Every 6 months				
NOx	mg/m3	Continuous when generating				
SO2	mg/m3	Continuous when generating				
Solid Particles	mg/m3	Quarterly				
Type 1&2 Substances	mg/m3	Every 6 months				



EPA Monitoring Point 14

Report Start	Report End
1 October 2025	31 October 2025

Boiler number 4 exhaust - duct B marked and shown as EPL Monitors ID No. 14 on The Plans

Pollutant	Units	Sampling Frequency	No. of Samples	Lowest Value	Mean Value	Highest Value
Cadmium	mg/m3	Every 6 months				
Chlorine	mg/m3	Every 6 months				
CO2	%	Every 6 months				
Fine Particulates PM10	mg/m3	Every 6 months				
Fluorine	mg/m3	Every 6 months				
Hydrogen Chloride	mg/m3	Every 6 months				
Mercury	mg/m3	Every 6 months				
NOx	mg/m3	Continuous when generating				
SO2	mg/m3	Continuous when generating				
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months				
Type 1&2 Substances	mg/m3	Every 6 months				
Volatile Organic Compounds	mg/m3	Every 6 months				



EPA Monitoring Point 10

Report Start	Report End
1 October 2025	31 October 2025

Boiler number 2 exhaust - duct B marked and shown as EPL Monitors ID No. 10 on The Plans

Pollutant	Units	Sampling Frequency	No. of Samples	Lowest Value	Mean Value	Highest Value
Antimony	mg/m3	Every 6 months				
Cadmium	mg/m3	Every 6 months				
Chlorine	mg/m3	Every 6 months				
CO2	%	Every 6 months				
Fluorine	mg/m3	Every 6 months				
Hydrogen Chloride	mg/m3	Every 6 months				
Mercury	mg/m3	Every 6 months				
NOx	mg/m3	Continuous when generating	639	223.89507	501.35037	702.75183
SO2	mg/m3	Continuous when generating	639	708.76514	940.73797	1173.30872
Solid Particles	mg/m3	Quarterly				
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months				
Type 1&2 Substances	mg/m3	Every 6 months				
Volatile Organic Compounds	mg/m3	Every 6 months				



EPA Monitoring Point 19

Report Start	Report End
1 October 2025	31 October 2025

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

Pollutant	Units	Sampling Frequency	No. of Samples	Lowest Value	Mean Value	Highest Value
Conductivity	uS/cm	Continuous during discharge	8899	284.00000	2929.57777	4253.00000
Oil and Grease	mg/L	Fortnightly	2	1.00000	1.00000	1.00000
pH	pH units	Continuous during discharge	8899	7.49000	8.03068	8.32000
Volume	ML/d	Daily	30	0.00000	6.13333	20.00000



EPA Monitoring Point 20

Report Start	Report End
1 October 2025	31 October 2025

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	Units	Sampling Frequency	No. of Samples	Lowest Value	Mean Value	Highest Value
Oil and Grease	mg/L	Fortnightly	4	1.00000	1.00000	1.00000
Suspended Solids	mg/L	Fortnightly	4	2.50000	2.50000	2.50000
Volume	kL/d	Daily	30	514.95898	1004.80523	3056.36108



EPA Monitoring Point 21

Report Start	Report End
1 October 2025	31 October 2025

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	Units	Sampling Frequency	No. of Samples	Lowest Value	Mean Value	Highest Value
Boron	mg/L	Weekly during discharge				
Cadmium	mg/L	Weekly during discharge				
Conductivity	uS/cm	Continuous during discharge				
Copper	mg/L	Weekly during discharge				
Iron	mg/L	Weekly during discharge				
Molybdenum	mg/L	Weekly during discharge				
Nickel	mg/L	Weekly during discharge				
pH	pH units	Weekly during discharge				
Silver	mg/L	Weekly during discharge				
Volume	kL/d	Daily	31	0.00000	0.00000	0.00000



EPA Monitoring Point 22

Report Start	Report End
1 October 2025	31 October 2025

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

Pollutant	Units	Sampling Frequency	No. of Samples	Lowest Value	Mean Value	Highest Value
Volume	ML/d	Daily	19	5.00000	38.32812	108.12764



EPA Monitoring Point 23

Report Start	Report End
1 October 2025	31 October 2025

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	Units	Sampling Frequency	No. of Samples	Lowest Value	Mean Value	Highest Value
Conductivity	uS/cm	Continuous during discharge				
pH	pH units	Daily during discharge				
Suspended Solids	mg/L	Daily during discharge				
Volume	ML/d	Daily				

Report Start	Report End
1 October 2025	31 October 2025

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

Pollutant	Units	Sampling Frequency	No. of Samples	Lowest Value	Mean Value	Highest Value
Boron	mg/L	Weekly during discharge				
Cadmium	mg/L	Weekly during discharge				
Conductivity	uS/cm	Continuous during discharge				
Copper	mg/L	Weekly during discharge				
Iron	mg/L	Weekly during discharge				
Molybdenum	mg/L	Weekly during discharge				
Nickel	mg/L	Weekly during discharge				
pH	pH units	Weekly during discharge				
Silver	mg/L	Weekly during discharge				
Suspended Solids	mg/L	Monthly during discharge				
Volume	ML/d	Daily	31	0.00000	0.00000	0.00000



EPA Monitoring Point 25

Report Start	Report End
1 October 2025	31 October 2025

Pollutant	Units	Sampling Frequency	No. of Samples	Lowest Value	Mean Value	Highest Value
Boron	mg/L	Weekly during discharge	4	0.55000	0.92500	1.16000
Cadmium	mg/L	Weekly during discharge	4	0.00005	0.00005	0.00005
Conductivity	uS/cm	Continuous during discharge	4	1563.00000	1938.25000	2120.00000
Copper	mg/L	Weekly during discharge	4	0.00200	0.00250	0.00300
Iron	mg/L	Weekly during discharge	4	0.11000	0.23500	0.38000
Molybdenum	mg/L	Weekly during discharge	4	0.04300	0.07950	0.11100
Nickel	mg/L	Weekly during discharge	4	0.00400	0.00500	0.00600
pH	pH units	Weekly during discharge	4	7.40000	8.12500	8.80000
Silver	mg/L	Weekly during discharge	4	0.00050	0.00050	0.00050



EPA Monitoring Point 26

Report Start	Report End
1 October 2025	31 October 2025

Pollutant	Units	Sampling Frequency	No. of Samples	Lowest Value	Mean Value	Highest Value
Volume	kL/d	Continuous	31	0.00000	13461.67742	76,464.00000

Report Start	Report End
1 October 2025	31 October 2025

Ash dam Saddle Dam Wall

Pollutant	Units	Sampling Frequency	No. of Samples	Lowest Value	Mean Value	Highest Value
Aluminium	mg/m3	Every 6 months				
Ammonia	mg/m3	Every 6 months				
Antimony	mg/m3	Every 6 months				
Arsenic III	mg/m3	Every 6 months				
Arsenic V	mg/m3	Every 6 months				
Barium	mg/m3	Every 6 months				
Beryllium	mg/m3	Every 6 months				
Boron	mg/m3	Every 6 months				
Cadmium	mg/m3	Every 6 months				
Calcium	mg/m3	Every 6 months				
Chloride	mg/m3	Every 6 months				
Chromium III	mg/m3	Every 6 months				
Chromium VI	mg/m3	Every 6 months				
Cobalt	mg/m3	Every 6 months				
Copper	mg/m3	Every 6 months				
Electrical Conductivity	uS/cm	Every 6 months				
Iron	mg/m3	Every 6 months				
Lead	mg/m3	Every 6 months				
Lithium	mg/m3	Every 6 months				
Magnesium	mg/m3	Every 6 months				
Manganese	mg/m3	Every 6 months				
Mercury	mg/m3	Every 6 months				
Molybdenum	mg/m3	Every 6 months				
Nickel	mg/m3	Every 6 months				
Nitrate	mg/m3	Every 6 months				
Nitrite	mg/m3	Every 6 months				
Nitrite - Nitrate	mg/m3	Every 6 months				
pH	mg/m3	Every 6 months				
Phosphorus Dissolved Reactive	mg/m3	Every 6 months				
Phosphorus Total	mg/m3	Every 6 months				
Potassium	mg/m3	Every 6 months				
Selenium	mg/m3	Every 6 months				
Silver	mg/m3	Every 6 months				
Sodium	mg/m3	Every 6 months				
Strontium dissolved	mg/m3	Every 6 months				
Sulfate	mg/m3	Every 6 months				
Thalium	mg/m3	Every 6 months				
Titanium	mg/m3	Every 6 months				
Total Alkalinity	mg/m3	Every 6 months				
Total Dissolved Solids	mg/m3	Every 6 months				
Total Hardness	mg/m3	Every 6 months				
Total Kjeldahl Nitrogen	mg/m3	Every 6 months				
Total Nitrogen	mg/m3	Every 6 months				
Vanadium	mg/m3	Every 6 months				
Zinc	mg/m3	Every 6 months				

Report Start	Report End
1 October 2025	31 October 2025

Ash Dam Spillway

Pollutant	Units	Sampling Frequency	No. of Samples	Lowest Value	Mean Value	Highest Value
Aluminium	mg/m3	Every 6 months				
Ammonia	mg/m3	Every 6 months				
Antimony	mg/m3	Every 6 months				
Arsenic III	mg/m3	Every 6 months				
Arsenic V	mg/m3	Every 6 months				
Barium	mg/m3	Every 6 months				
Beryllium	mg/m3	Every 6 months				
Boron	mg/m3	Every 6 months				
Cadmium	mg/m3	Every 6 months				
Calcium	mg/m3	Every 6 months				
Chloride	mg/m3	Every 6 months				
Chromium III	mg/m3	Every 6 months				
Chromium VI	mg/m3	Every 6 months				
Cobalt	mg/m3	Every 6 months				
Copper	mg/m3	Every 6 months				
Electrical Conductivity	uS/cm	Every 6 months				
Iron	mg/m3	Every 6 months				
Lead	mg/m3	Every 6 months				
Lithium	mg/m3	Every 6 months				
Magnesium	mg/m3	Every 6 months				
Manganese	mg/m3	Every 6 months				
Mercury	mg/m3	Every 6 months				
Molybdenum	mg/m3	Every 6 months				
Nickel	mg/m3	Every 6 months				
Nitrate	mg/m3	Every 6 months				
Nitrite	mg/m3	Every 6 months				
Nitrite - Nitrate	mg/m3	Every 6 months				
pH	mg/m3	Every 6 months				
Phosphorus Dissolved Reactive	mg/m3	Every 6 months				
Phosphorus Total	mg/m3	Every 6 months				
Potassium	mg/m3	Every 6 months				
Selenium	mg/m3	Every 6 months				
Silver	mg/m3	Every 6 months				
Sodium	mg/m3	Every 6 months				
Strontium dissolved	mg/m3	Every 6 months				
Sulfate	mg/m3	Every 6 months				
Thalium	mg/m3	Every 6 months				
Titanium	mg/m3	Every 6 months				
Total Alkalinity	mg/m3	Every 6 months				
Total Dissolved Solids	mg/m3	Every 6 months				
Total Hardness	mg/m3	Every 6 months				
Total Kjeldahl Nitrogen	mg/m3	Every 6 months				
Total Nitrogen	mg/m3	Every 6 months				
Vanadium	mg/m3	Every 6 months				
Zinc	mg/m3	Every 6 months				

Report Start	Report End
1 October 2025	31 October 2025

Chilcotts Creek

Pollutant	Units	Sampling Frequency	No. of Samples	Lowest Value	Mean Value	Highest Value
Aluminium	mg/m3	Every 6 months				
Ammonia	mg/m3	Every 6 months				
Antimony	mg/m3	Every 6 months				
Arsenic III	mg/m3	Every 6 months				
Arsenic V	mg/m3	Every 6 months				
Barium	mg/m3	Every 6 months				
Beryllium	mg/m3	Every 6 months				
Boron	mg/m3	Every 6 months				
Cadmium	mg/m3	Every 6 months				
Calcium	mg/m3	Every 6 months				
Chloride	mg/m3	Every 6 months				
Chromium III	mg/m3	Every 6 months				
Chromium VI	mg/m3	Every 6 months				
Cobalt	mg/m3	Every 6 months				
Copper	mg/m3	Every 6 months				
Electrical Conductivity	uS/cm	Every 6 months				
Iron	mg/m3	Every 6 months				
Lead	mg/m3	Every 6 months				
Lithium	mg/m3	Every 6 months				
Magnesium	mg/m3	Every 6 months				
Manganese	mg/m3	Every 6 months				
Mercury	mg/m3	Every 6 months				
Molybdenum	mg/m3	Every 6 months				
Nickel	mg/m3	Every 6 months				
Nitrate	mg/m3	Every 6 months				
Nitrite	mg/m3	Every 6 months				
Nitrite - Nitrate	mg/m3	Every 6 months				
pH	mg/m3	Every 6 months				
Phosphorus Dissolved Reactive	mg/m3	Every 6 months				
Phosphorus Total	mg/m3	Every 6 months				
Potassium	mg/m3	Every 6 months				
Selenium	mg/m3	Every 6 months				
Silver	mg/m3	Every 6 months				
Sodium	mg/m3	Every 6 months				
Strontium dissolved	mg/m3	Every 6 months				
Sulfate	mg/m3	Every 6 months				
Thalium	mg/m3	Every 6 months				
Titanium	mg/m3	Every 6 months				
Total Alkalinity	mg/m3	Every 6 months				
Total Dissolved Solids	mg/m3	Every 6 months				
Total Hardness	mg/m3	Every 6 months				
Total Kjeldahl Nitrogen	mg/m3	Every 6 months				
Total Nitrogen	mg/m3	Every 6 months				
Vanadium	mg/m3	Every 6 months				
Zinc	mg/m3	Every 6 months				

Report Start	Report End
1 October 2025	31 October 2025

Ash Dam wall 1

Pollutant	Units	Sampling Frequency	No. of Samples	Lowest Value	Mean Value	Highest Value
Aluminium	mg/m3	Every 6 months				
Ammonia	mg/m3	Every 6 months				
Antimony	mg/m3	Every 6 months				
Arsenic III	mg/m3	Every 6 months				
Arsenic V	mg/m3	Every 6 months				
Barium	mg/m3	Every 6 months				
Beryllium	mg/m3	Every 6 months				
Boron	mg/m3	Every 6 months				
Cadmium	mg/m3	Every 6 months				
Calcium	mg/m3	Every 6 months				
Chloride	mg/m3	Every 6 months				
Chromium III	mg/m3	Every 6 months				
Chromium VI	mg/m3	Every 6 months				
Cobalt	mg/m3	Every 6 months				
Copper	mg/m3	Every 6 months				
Electrical Conductivity	uS/cm	Every 6 months				
Iron	mg/m3	Every 6 months				
Lead	mg/m3	Every 6 months				
Lithium	mg/m3	Every 6 months				
Magnesium	mg/m3	Every 6 months				
Manganese	mg/m3	Every 6 months				
Mercury	mg/m3	Every 6 months				
Molybdenum	mg/m3	Every 6 months				
Nickel	mg/m3	Every 6 months				
Nitrate	mg/m3	Every 6 months				
Nitrite	mg/m3	Every 6 months				
Nitrite - Nitrate	mg/m3	Every 6 months				
pH	mg/m3	Every 6 months				
Phosphorus Dissolved Reactive	mg/m3	Every 6 months				
Phosphorus Total	mg/m3	Every 6 months				
Potassium	mg/m3	Every 6 months				
Selenium	mg/m3	Every 6 months				
Silver	mg/m3	Every 6 months				
Sodium	mg/m3	Every 6 months				
Strontium dissolved	mg/m3	Every 6 months				
Sulfate	mg/m3	Every 6 months				
Thalium	mg/m3	Every 6 months				
Titanium	mg/m3	Every 6 months				
Total Alkalinity	mg/m3	Every 6 months				
Total Dissolved Solids	mg/m3	Every 6 months				
Total Hardness	mg/m3	Every 6 months				
Total Kjeldahl Nitrogen	mg/m3	Every 6 months				
Total Nitrogen	mg/m3	Every 6 months				
Vanadium	mg/m3	Every 6 months				
Zinc	mg/m3	Every 6 months				



EPA Monitoring Point 31

Report Start	Report End
1 October 2025	31 October 2025

Ash Dam Wall South

Pollutant	Units	Sampling Frequency	No. of Samples	Lowest Value	Mean Value	Highest Value
Aluminium	mg/m3	Every 6 months				
Ammonia	mg/m3	Every 6 months				
Antimony	mg/m3	Every 6 months				
Arsenic III	mg/m3	Every 6 months				
Arsenic V	mg/m3	Every 6 months				
Barium	mg/m3	Every 6 months				
Beryllium	mg/m3	Every 6 months				
Boron	mg/m3	Every 6 months				
Cadmium	mg/m3	Every 6 months				
Calcium	mg/m3	Every 6 months				
Chloride	mg/m3	Every 6 months				
Chromium III	mg/m3	Every 6 months				
Chromium VI	mg/m3	Every 6 months				
Cobalt	mg/m3	Every 6 months				
Copper	mg/m3	Every 6 months				
Electrical Conductivity	uS/cm	Every 6 months				
Iron	mg/m3	Every 6 months				
Lead	mg/m3	Every 6 months				
Lithium	mg/m3	Every 6 months				
Magnesium	mg/m3	Every 6 months				
Manganese	mg/m3	Every 6 months				
Mercury	mg/m3	Every 6 months				
Molybdenum	mg/m3	Every 6 months				
Nickel	mg/m3	Every 6 months				
Nitrate	mg/m3	Every 6 months				
Nitrite	mg/m3	Every 6 months				
Nitrite - Nitrate	mg/m3	Every 6 months				
pH	mg/m3	Every 6 months				
Phosphorus Dissolved Reactive	mg/m3	Every 6 months				
Phosphorus Total	mg/m3	Every 6 months				
Potassium	mg/m3	Every 6 months				
Selenium	mg/m3	Every 6 months				
Silver	mg/m3	Every 6 months				
Sodium	mg/m3	Every 6 months				
Strontium dissolved	mg/m3	Every 6 months				
Sulfate	mg/m3	Every 6 months				
Thalium	mg/m3	Every 6 months				
Titanium	mg/m3	Every 6 months				
Total Alkalinity	mg/m3	Every 6 months				
Total Dissolved Solids	mg/m3	Every 6 months				
Total Hardness	mg/m3	Every 6 months				
Total Kjeldahl Nitrogen	mg/m3	Every 6 months				
Total Nitrogen	mg/m3	Every 6 months				
Vanadium	mg/m3	Every 6 months				
Zinc	mg/m3	Every 6 months				

Report Start	Report End
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Ash Dam Pikes Gully

Pollutant	Units	Sampling Frequency	No. of Samples	Lowest Value	Mean Value	Highest Value
Aluminium	mg/m3	Every 6 months				
Ammonia	mg/m3	Every 6 months				
Antimony	mg/m3	Every 6 months				
Arsenic III	mg/m3	Every 6 months				
Arsenic V	mg/m3	Every 6 months				
Barium	mg/m3	Every 6 months				
Beryllium	mg/m3	Every 6 months				
Boron	mg/m3	Every 6 months				
Cadmium	mg/m3	Every 6 months				
Calcium	mg/m3	Every 6 months				
Chloride	mg/m3	Every 6 months				
Chromium III	mg/m3	Every 6 months				
Chromium VI	mg/m3	Every 6 months				
Cobalt	mg/m3	Every 6 months				
Copper	mg/m3	Every 6 months				
Electrical Conductivity	uS/cm	Every 6 months				
Iron	mg/m3	Every 6 months				
Lead	mg/m3	Every 6 months				
Lithium	mg/m3	Every 6 months				
Magnesium	mg/m3	Every 6 months				
Manganese	mg/m3	Every 6 months				
Mercury	mg/m3	Every 6 months				
Molybdenum	mg/m3	Every 6 months				
Nickel	mg/m3	Every 6 months				
Nitrate	mg/m3	Every 6 months				
Nitrite	mg/m3	Every 6 months				
Nitrite - Nitrate	mg/m3	Every 6 months				
pH	mg/m3	Every 6 months				
Phosphorus Dissolved Reactive	mg/m3	Every 6 months				
Phosphorus Total	mg/m3	Every 6 months				
Potassium	mg/m3	Every 6 months				
Selenium	mg/m3	Every 6 months				
Silver	mg/m3	Every 6 months				
Sodium	mg/m3	Every 6 months				
Strontium dissolved	mg/m3	Every 6 months				
Sulfate	mg/m3	Every 6 months				
Thalium	mg/m3	Every 6 months				
Titanium	mg/m3	Every 6 months				
Total Alkalinity	mg/m3	Every 6 months				
Total Dissolved Solids	mg/m3	Every 6 months				
Total Hardness	mg/m3	Every 6 months				
Total Kjeldahl Nitrogen	mg/m3	Every 6 months				
Total Nitrogen	mg/m3	Every 6 months				
Vanadium	mg/m3	Every 6 months				
Zinc	mg/m3	Every 6 months				

Report Start	Report End
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Ash Dam South 4

Pollutant	Units	Sampling Frequency	No. of Samples	Lowest Value	Mean Value	Highest Value
Aluminium	mg/m3	Every 6 months				
Ammonia	mg/m3	Every 6 months				
Antimony	mg/m3	Every 6 months				
Arsenic III	mg/m3	Every 6 months				
Arsenic V	mg/m3	Every 6 months				
Barium	mg/m3	Every 6 months				
Beryllium	mg/m3	Every 6 months				
Boron	mg/m3	Every 6 months				
Cadmium	mg/m3	Every 6 months				
Calcium	mg/m3	Every 6 months				
Chloride	mg/m3	Every 6 months				
Chromium III	mg/m3	Every 6 months				
Chromium VI	mg/m3	Every 6 months				
Cobalt	mg/m3	Every 6 months				
Copper	mg/m3	Every 6 months				
Electrical Conductivity	uS/cm	Every 6 months				
Iron	mg/m3	Every 6 months				
Lead	mg/m3	Every 6 months				
Lithium	mg/m3	Every 6 months				
Magnesium	mg/m3	Every 6 months				
Manganese	mg/m3	Every 6 months				
Mercury	mg/m3	Every 6 months				
Molybdenum	mg/m3	Every 6 months				
Nickel	mg/m3	Every 6 months				
Nitrate	mg/m3	Every 6 months				
Nitrite	mg/m3	Every 6 months				
Nitrite - Nitrate	mg/m3	Every 6 months				
pH	mg/m3	Every 6 months				
Phosphorus Dissolved Reactive	mg/m3	Every 6 months				
Phosphorus Total	mg/m3	Every 6 months				
Potassium	mg/m3	Every 6 months				
Selenium	mg/m3	Every 6 months				
Silver	mg/m3	Every 6 months				
Sodium	mg/m3	Every 6 months				
Strontium dissolved	mg/m3	Every 6 months				
Sulfate	mg/m3	Every 6 months				
Thalium	mg/m3	Every 6 months				
Titanium	mg/m3	Every 6 months				
Total Alkalinity	mg/m3	Every 6 months				
Total Dissolved Solids	mg/m3	Every 6 months				
Total Hardness	mg/m3	Every 6 months				
Total Kjeldahl Nitrogen	mg/m3	Every 6 months				
Total Nitrogen	mg/m3	Every 6 months				
Vanadium	mg/m3	Every 6 months				
Zinc	mg/m3	Every 6 months				

Report Start	Report End
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Ash Dam South 7

Pollutant	Units	Sampling Frequency	No. of Samples	Lowest Value	Mean Value	Highest Value
Aluminium	mg/m3	Every 6 months				
Ammonia	mg/m3	Every 6 months				
Antimony	mg/m3	Every 6 months				
Arsenic III	mg/m3	Every 6 months				
Arsenic V	mg/m3	Every 6 months				
Barium	mg/m3	Every 6 months				
Beryllium	mg/m3	Every 6 months				
Boron	mg/m3	Every 6 months				
Cadmium	mg/m3	Every 6 months				
Calcium	mg/m3	Every 6 months				
Chloride	mg/m3	Every 6 months				
Chromium III	mg/m3	Every 6 months				
Chromium VI	mg/m3	Every 6 months				
Cobalt	mg/m3	Every 6 months				
Copper	mg/m3	Every 6 months				
Electrical Conductivity	uS/cm	Every 6 months				
Iron	mg/m3	Every 6 months				
Lead	mg/m3	Every 6 months				
Lithium	mg/m3	Every 6 months				
Magnesium	mg/m3	Every 6 months				
Manganese	mg/m3	Every 6 months				
Mercury	mg/m3	Every 6 months				
Molybdenum	mg/m3	Every 6 months				
Nickel	mg/m3	Every 6 months				
Nitrate	mg/m3	Every 6 months				
Nitrite	mg/m3	Every 6 months				
Nitrite - Nitrate	mg/m3	Every 6 months				
pH	mg/m3	Every 6 months				
Phosphorus Dissolved Reactive	mg/m3	Every 6 months				
Phosphorus Total	mg/m3	Every 6 months				
Potassium	mg/m3	Every 6 months				
Selenium	mg/m3	Every 6 months				
Silver	mg/m3	Every 6 months				
Sodium	mg/m3	Every 6 months				
Strontium dissolved	mg/m3	Every 6 months				
Sulfate	mg/m3	Every 6 months				
Thalium	mg/m3	Every 6 months				
Titanium	mg/m3	Every 6 months				
Total Alkalinity	mg/m3	Every 6 months				
Total Dissolved Solids	mg/m3	Every 6 months				
Total Hardness	mg/m3	Every 6 months				
Total Kjeldahl Nitrogen	mg/m3	Every 6 months				
Total Nitrogen	mg/m3	Every 6 months				
Vanadium	mg/m3	Every 6 months				
Zinc	mg/m3	Every 6 months				

Report Start	Report End
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Ash Dam South 3

Pollutant	Units	Sampling Frequency	No. of Samples	Lowest Value	Mean Value	Highest Value
Aluminium	mg/m3	Every 6 months				
Ammonia	mg/m3	Every 6 months				
Antimony	mg/m3	Every 6 months				
Arsenic III	mg/m3	Every 6 months				
Arsenic V	mg/m3	Every 6 months				
Barium	mg/m3	Every 6 months				
Beryllium	mg/m3	Every 6 months				
Boron	mg/m3	Every 6 months				
Cadmium	mg/m3	Every 6 months				
Calcium	mg/m3	Every 6 months				
Chloride	mg/m3	Every 6 months				
Chromium III	mg/m3	Every 6 months				
Chromium VI	mg/m3	Every 6 months				
Cobalt	mg/m3	Every 6 months				
Copper	mg/m3	Every 6 months				
Electrical Conductivity	uS/cm	Every 6 months				
Iron	mg/m3	Every 6 months				
Lead	mg/m3	Every 6 months				
Lithium	mg/m3	Every 6 months				
Magnesium	mg/m3	Every 6 months				
Manganese	mg/m3	Every 6 months				
Mercury	mg/m3	Every 6 months				
Molybdenum	mg/m3	Every 6 months				
Nickel	mg/m3	Every 6 months				
Nitrate	mg/m3	Every 6 months				
Nitrite	mg/m3	Every 6 months				
Nitrite - Nitrate	mg/m3	Every 6 months				
pH	mg/m3	Every 6 months				
Phosphorus Dissolved Reactive	mg/m3	Every 6 months				
Phosphorus Total	mg/m3	Every 6 months				
Potassium	mg/m3	Every 6 months				
Selenium	mg/m3	Every 6 months				
Silver	mg/m3	Every 6 months				
Sodium	mg/m3	Every 6 months				
Strontium dissolved	mg/m3	Every 6 months				
Sulfate	mg/m3	Every 6 months				
Thalium	mg/m3	Every 6 months				
Titanium	mg/m3	Every 6 months				
Total Alkalinity	mg/m3	Every 6 months				
Total Dissolved Solids	mg/m3	Every 6 months				
Total Hardness	mg/m3	Every 6 months				
Total Kjeldahl Nitrogen	mg/m3	Every 6 months				
Total Nitrogen	mg/m3	Every 6 months				
Vanadium	mg/m3	Every 6 months				
Zinc	mg/m3	Every 6 months				

Report Start	Report End
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Ash Dam N West

Pollutant	Units	Sampling Frequency	No. of Samples	Lowest Value	Mean Value	Highest Value
Aluminium	mg/m3	Every 6 months				
Ammonia	mg/m3	Every 6 months				
Antimony	mg/m3	Every 6 months				
Arsenic III	mg/m3	Every 6 months				
Arsenic V	mg/m3	Every 6 months				
Barium	mg/m3	Every 6 months				
Beryllium	mg/m3	Every 6 months				
Boron	mg/m3	Every 6 months				
Cadmium	mg/m3	Every 6 months				
Calcium	mg/m3	Every 6 months				
Chloride	mg/m3	Every 6 months				
Chromium III	mg/m3	Every 6 months				
Chromium VI	mg/m3	Every 6 months				
Cobalt	mg/m3	Every 6 months				
Copper	mg/m3	Every 6 months				
Electrical Conductivity	uS/cm	Every 6 months				
Iron	mg/m3	Every 6 months				
Lead	mg/m3	Every 6 months				
Lithium	mg/m3	Every 6 months				
Magnesium	mg/m3	Every 6 months				
Manganese	mg/m3	Every 6 months				
Mercury	mg/m3	Every 6 months				
Molybdenum	mg/m3	Every 6 months				
Nickel	mg/m3	Every 6 months				
Nitrate	mg/m3	Every 6 months				
Nitrite	mg/m3	Every 6 months				
Nitrite - Nitrate	mg/m3	Every 6 months				
pH	mg/m3	Every 6 months				
Phosphorus Dissolved Reactive	mg/m3	Every 6 months				
Phosphorus Total	mg/m3	Every 6 months				
Potassium	mg/m3	Every 6 months				
Selenium	mg/m3	Every 6 months				
Silver	mg/m3	Every 6 months				
Sodium	mg/m3	Every 6 months				
Strontium dissolved	mg/m3	Every 6 months				
Sulfate	mg/m3	Every 6 months				
Thalium	mg/m3	Every 6 months				
Titanium	mg/m3	Every 6 months				
Total Alkalinity	mg/m3	Every 6 months				
Total Dissolved Solids	mg/m3	Every 6 months				
Total Hardness	mg/m3	Every 6 months				
Total Kjeldahl Nitrogen	mg/m3	Every 6 months				
Total Nitrogen	mg/m3	Every 6 months				
Vanadium	mg/m3	Every 6 months				
Zinc	mg/m3	Every 6 months				

Report Start	Report End
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Ash Dam South 3

Pollutant	Units	Sampling Frequency	No. of Samples	Lowest Value	Mean Value	Highest Value
Aluminium	mg/m3	Every 6 months				
Ammonia	mg/m3	Every 6 months				
Antimony	mg/m3	Every 6 months				
Arsenic III	mg/m3	Every 6 months				
Arsenic V	mg/m3	Every 6 months				
Barium	mg/m3	Every 6 months				
Beryllium	mg/m3	Every 6 months				
Boron	mg/m3	Every 6 months				
Cadmium	mg/m3	Every 6 months				
Calcium	mg/m3	Every 6 months				
Chloride	mg/m3	Every 6 months				
Chromium III	mg/m3	Every 6 months				
Chromium VI	mg/m3	Every 6 months				
Cobalt	mg/m3	Every 6 months				
Copper	mg/m3	Every 6 months				
Electrical Conductivity	uS/cm	Every 6 months				
Iron	mg/m3	Every 6 months				
Lead	mg/m3	Every 6 months				
Lithium	mg/m3	Every 6 months				
Magnesium	mg/m3	Every 6 months				
Manganese	mg/m3	Every 6 months				
Mercury	mg/m3	Every 6 months				
Molybdenum	mg/m3	Every 6 months				
Nickel	mg/m3	Every 6 months				
Nitrate	mg/m3	Every 6 months				
Nitrite	mg/m3	Every 6 months				
Nitrite - Nitrate	mg/m3	Every 6 months				
pH	mg/m3	Every 6 months				
Phosphorus Dissolved Reactive	mg/m3	Every 6 months				
Phosphorus Total	mg/m3	Every 6 months				
Potassium	mg/m3	Every 6 months				
Selenium	mg/m3	Every 6 months				
Silver	mg/m3	Every 6 months				
Sodium	mg/m3	Every 6 months				
Strontium dissolved	mg/m3	Every 6 months				
Sulfate	mg/m3	Every 6 months				
Thalium	mg/m3	Every 6 months				
Titanium	mg/m3	Every 6 months				
Total Alkalinity	mg/m3	Every 6 months				
Total Dissolved Solids	mg/m3	Every 6 months				
Total Hardness	mg/m3	Every 6 months				
Total Kjeldahl Nitrogen	mg/m3	Every 6 months				
Total Nitrogen	mg/m3	Every 6 months				
Vanadium	mg/m3	Every 6 months				
Zinc	mg/m3	Every 6 months				

Report Start	Report End
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ESMW01

Pollutant	Units	Sampling Frequency	No. of Samples	Lowest Value	Mean Value	Highest Value
Aluminium	mg/m3	Every 6 months				
Ammonia	mg/m3	Every 6 months				
Antimony	mg/m3	Every 6 months				
Arsenic III	mg/m3	Every 6 months				
Arsenic V	mg/m3	Every 6 months				
Barium	mg/m3	Every 6 months				
Beryllium	mg/m3	Every 6 months				
Boron	mg/m3	Every 6 months				
Cadmium	mg/m3	Every 6 months				
Calcium	mg/m3	Every 6 months				
Chloride	mg/m3	Every 6 months				
Chromium III	mg/m3	Every 6 months				
Chromium VI	mg/m3	Every 6 months				
Cobalt	mg/m3	Every 6 months				
Copper	mg/m3	Every 6 months				
Electrical Conductivity	uS/cm	Every 6 months				
Iron	mg/m3	Every 6 months				
Lead	mg/m3	Every 6 months				
Lithium	mg/m3	Every 6 months				
Magnesium	mg/m3	Every 6 months				
Manganese	mg/m3	Every 6 months				
Mercury	mg/m3	Every 6 months				
Molybdenum	mg/m3	Every 6 months				
Nickel	mg/m3	Every 6 months				
Nitrate	mg/m3	Every 6 months				
Nitrite	mg/m3	Every 6 months				
Nitrite - Nitrate	mg/m3	Every 6 months				
pH	mg/m3	Every 6 months				
Phosphorus Dissolved Reactive	mg/m3	Every 6 months				
Phosphorus Total	mg/m3	Every 6 months				
Potassium	mg/m3	Every 6 months				
Selenium	mg/m3	Every 6 months				
Silver	mg/m3	Every 6 months				
Sodium	mg/m3	Every 6 months				
Strontium dissolved	mg/m3	Every 6 months				
Sulfate	mg/m3	Every 6 months				
Thalium	mg/m3	Every 6 months				
Titanium	mg/m3	Every 6 months				
Total Alkalinity	mg/m3	Every 6 months				
Total Dissolved Solids	mg/m3	Every 6 months				
Total Hardness	mg/m3	Every 6 months				
Total Kjeldahl Nitrogen	mg/m3	Every 6 months				
Total Nitrogen	mg/m3	Every 6 months				
Vanadium	mg/m3	Every 6 months				
Zinc	mg/m3	Every 6 months				