

Report Period

2026 - 07
2026 - 06
2026 - 05
2026 - 04
2026 - 03
2026 - 02
2026 - 01
2025 - 12
2025 - 11
2025 - 10
2025 - 09
2025 - 08



Monthly Data Summary
AGL Macquarie - Bayswater Power Station
Environmental Protection Licence: 779



Exceptions

Report Start	Report End
1 June 2026	30 June 2026

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 June 2026	30 June 2026

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	718	343.22687	715.00204	987.00262
SO2	mg/m3	Continuous when generating	718	798.48260	980.04892	1159.47620
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 June 2026	30 June 2026

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	718	207.61592	454.65651	702.28235
SO2	mg/m3	Continuous when generating	718	669.07532	817.07507	1022.72394
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 June 2026	30 June 2026

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	718	349.30585	633.54879	922.94531
SO2	mg/m3	Continuous when generating	718	912.86182	1060.96636	1218.36072
Solid Particles	mg/m3	Quarterly				
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months	1	11.00000	11.00000	11.00000
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 June 2026	30 June 2026

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	1	0.00007	0.00007	0.00007
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	1	0.00130	0.00130	0.00130
NOx	mg/m3	Continuous when generating	718	298.05765	526.49046	785.28326
SO2	mg/m3	Continuous when generating	718	820.31061	978.62339	1149.39893
Solid Particles	mg/m3	Quarterly	1	5.50000	5.50000	5.50000
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months	1	6.60000	6.60000	6.60000
Type 1&2 Substances	mg/m3	Every 6 months	1	0.01850	0.01850	0.01850
Volatile Organic Compounds	mg/m3	Every 6 months				



EPA Monitoring Point 07

Report Start	Report End
1 June 2026	30 June 2026

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	718	296.45694	608.84781	872.06604
SO2	mg/m3	Continuous when generating	718	758.39362	937.60364	1109.49841
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 June 2026	30 June 2026

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	718	389.94675	821.07454	1176.91101
SO2	mg/m3	Continuous when generating	718	838.12140	1022.06241	1209.30701
Solid Particles	mg/m3	Quarterly				
Type 1&2 Substances	mg/m3	Every 6 months				



EPA Monitoring Point 09

Report Start	Report End
1 June 2026	30 June 2026

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	706	175.81500	418.82214	721.79498
SO2	mg/m3	Continuous when generating	706	568.65033	715.23918	878.02563
Solid Particles	mg/m3	Quarterly				
Type 1&2 Substances	mg/m3	Every 6 months				



EPA Monitoring Point 10

Report Start	Report End
1 June 2026	30 June 2026

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	718	239.02243	487.71315	831.48199
SO2	mg/m3	Continuous when generating	718	768.88654	915.38575	1065.43384
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 11

Report Start	Report End
1 June 2026	30 June 2026

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	1	0.00005	0.00005	0.00005
Chlorine	mg/m3	Every 6 months				
CO2	%	Every 6 months	3	9.30000	9.33333	9.40000
Fluorine	mg/m3	Every 6 months				
Hydrogen Chloride	mg/m3	Every 6 months				
Mercury	mg/m3	Every 6 months	1	0.00044	0.00044	0.00044
NOx	mg/m3	Continuous when generating	718	354.83536	636.24662	870.05963
SO2	mg/m3	Continuous when generating	718	1007.59399	1173.28550	1347.27673
Solid Particles	mg/m3	Quarterly	1	3.70000	3.70000	3.70000
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months	1	11.00000	11.00000	11.00000
Type 1&2 Substances	mg/m3	Every 6 months	1	0.00395	0.00395	0.00395
Volatile Organic Compounds	mg/m3	Every 6 months				



EPA Monitoring Point 12

Report Start	Report End
1 June 2026	30 June 2026

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	1	0.00004	0.00004	0.00004
CO2	%	Every 6 months	2	9.60000	9.65000	9.70000
Mercury	mg/m3	Every 6 months	1	0.00091	0.00091	0.00091
NOx	mg/m3	Continuous when generating	718	329.90079	630.84647	975.89130
SO2	mg/m3	Continuous when generating	718	807.04181	948.68103	1098.17761
Solid Particles	mg/m3	Quarterly	1	13.00000	13.00000	13.00000
Type 1&2 Substances	mg/m3	Every 6 months	1	0.03850	0.03850	0.03850



EPA Monitoring Point 13

Report Start	Report End
1 June 2026	30 June 2026

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	1	0.00004	0.00004	0.00004
CO2	%	Every 6 months	2	11.40000	11.40000	11.40000
Mercury	mg/m3	Every 6 months	1	0.00180	0.00180	0.00180
NOx	mg/m3	Continuous when generating	718	248.44641	487.04205	761.91687
SO2	mg/m3	Continuous when generating	718	769.52692	940.44714	1124.86108
Solid Particles	mg/m3	Quarterly	1	8.30000	8.30000	8.30000
Type 1&2 Substances	mg/m3	Every 6 months	1	0.02000	0.02000	0.02000



EPA Monitoring Point 14

Report Start	Report End
1 June 2026	30 June 2026

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	1	0.00010	0.00010	0.00010
Chlorine	mg/m3	Every 6 months				
CO2	%	Every 6 months	3	10.50000	11.16667	11.50000
Fine Particulates PM10	mg/m3	Every 6 months	1	1.00000	1.00000	1.00000
Fluorine	mg/m3	Every 6 months				
Hydrogen Chloride	mg/m3	Every 6 months				
Mercury	mg/m3	Every 6 months	1	0.00081	0.00081	0.00081
NOx	mg/m3	Continuous when generating	718	337.90271	566.22048	813.25586
SO2	mg/m3	Continuous when generating	718	863.28558	1016.58644	1180.26343
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months	1	6.60000	6.60000	6.60000
Type 1&2 Substances	mg/m3	Every 6 months	1	0.01750	0.01750	0.01750
Volatile Organic Compounds	mg/m3	Every 6 months				



EPA Monitoring Point 16

Report Start	Report End
1 June 2026	30 June 2026

Lake Liddell recreation area ambient air monitoring station marked and shown as EPL Monitors ID No. 16 on The Plans

Pollutant	Units	Sampling Frequency	No. of Samples	Lowest Value	Mean Value	Highest Value
NOx	pphm	Continuous	685	0.10000	2.31299	10.50000
SO2	pphm	Continuous	656	0.00000	0.07287	11.60000



EPA Monitoring Point 17

Report Start	Report End
1 June 2026	30 June 2026

Energy Australia Muswellbrook Depot ambient air monitoring station marked and shown as EPL Monitors ID No. 17 on The Plans

Pollutant	Units	Sampling Frequency	No. of Samples	Lowest Value	Mean Value	Highest Value
Fluorides	ug/m3	Continuous	4	0.00000	0.00750	0.01000
NOx	pphm	Continuous	685	0.10000	2.22788	11.50000
SO2	pphm	Continuous	673	0.00000	0.06404	3.80000



EPA Monitoring Point 18

Report Start	Report End
1 June 2026	30 June 2026

Ravensworth ambient air monitoring station marked and shown as EPL Monitors ID No. 18 on The Plans

Pollutant	Units	Sampling Frequency	No. of Samples	Lowest Value	Mean Value	Highest Value
Fluorides	ug/m3	Continuous	4	0.01000	0.01500	0.02000
NOx	pphm	Continuous	643	0.10000	4.93748	23.80000
SO2	pphm	Continuous	678	0.00000	0.16283	2.80000



EPA Monitoring Point 19

Report Start	Report End
1 June 2026	30 June 2026

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	8637	1196.00000	3295.91871	4067.00000
Oil and Grease	mg/L	Fortnightly	2	1.00000	1.00000	1.00000
pH	pH units	Continuous during discharge	8637	7.05000	8.23921	8.56000
Volume	ML/d	Daily	30	0.00000	12.43333	29.00000



EPA Monitoring Point 20

Report Start	Report End
1 June 2026	30 June 2026

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	5	1.00000	1.00000	1.00000
Suspended Solids	mg/L	Fortnightly	5	2.50000	2.50000	2.50000
Volume	kL/d	Daily	30	846.44482	1025.26499	1209.15613



EPA Monitoring Point 21

Report Start	Report End
1 June 2026	30 June 2026

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	29	0.00000	0.00000	0.00000



EPA Monitoring Point 22

Report Start	Report End
1 June 2026	30 June 2026

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	30	5.98927	5.99964	6.00000



EPA Monitoring Point 23

Report Start	Report End
1 June 2026	30 June 2026

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				



EPA Monitoring Point 24

Report Start	Report End
1 June 2026	30 June 2026

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	29	0.00000	0.00000	0.00000



EPA Monitoring Point 25

Report Start	Report End
1 June 2026	30 June 2026

Discharge to Lake Liddell of water piped from the Bayswater Ash Dam, to maintain a safe operating level in the Bayswater Ash Dam, marked and shown as EPL Monitors ID No. 25 on The Plans

Pollutant	Units	Sampling Frequency	No. of Samples	Lowest Value	Mean Value	Highest Value
Boron	mg/L	Weekly during discharge	1	0.83000	0.83000	0.83000
Cadmium	mg/L	Weekly during discharge				
Conductivity	uS/cm	Continuous during discharge	1	2380.00000	2380.00000	2380.00000
Copper	mg/L	Weekly during discharge				
Iron	mg/L	Weekly during discharge	1	0.30000	0.30000	0.30000
Molybdenum	mg/L	Weekly during discharge	1	0.05600	0.05600	0.05600
Nickel	mg/L	Weekly during discharge	1	0.00500	0.00500	0.00500
pH	pH units	Weekly during discharge	1	7.70000	7.70000	7.70000
Silver	mg/L	Weekly during discharge				
Volume			8	79.00000	140.12500	190.00000



EPA Monitoring Point 26

Report Start	Report End
1 June 2026	30 June 2026

Monitoring of the volume of water transferred from the Bayswater Ash Dam via pipeline to Lake Liddell, to maintain a safe operating level in the Bayswater Ash Dam, marked and shown as EPL Monitors ID No. 26 on The Plans

Pollutant	Units	Sampling Frequency	No. of Samples	Lowest Value	Mean Value	Highest Value
Volume	kL/d	Continuous	29	0.00000	2368.55172	44,064.00000

Report Start	Report End
1 June 2026	30 June 2026

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 June 2026	30 June 2026

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 June 2026	30 June 2026

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
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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				



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Report Start	Report End
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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				