



# Monthly Data Summary

## AGL Macquarie - Bayswater Power Station

### Environmental Protection Licence: 779

Report Period

2026 - 02
<b>2026 - 01</b>
2025 - 12
2025 - 11
2025 - 10
2025 - 09
2025 - 08
2025 - 07
2025 - 06
2025 - 05
2025 - 04
2025 - 03



# Exceptions

Report Start	Report End
1 January 2026	31 January 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 January 2026	31 January 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	740	244.35071	499.62221	861.33179
SO2	mg/m3	Continuous when generating	739	859.88324	1084.55460	1297.36914
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 January 2026	31 January 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	627	161.76323	357.41312	636.95874
SO2	mg/m3	Continuous when generating	626	636.23010	911.67228	1232.37158
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 January 2026	31 January 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	673	233.53574	548.52548	937.63629
SO2	mg/m3	Continuous when generating	673	872.47754	1100.28366	1581.24170
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 January 2026	31 January 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				
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	670	117.64442	505.40459	938.97906
SO2	mg/m3	Continuous when generating	670	467.90543	984.28741	1232.32812
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 January 2026	31 January 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	740	220.36691	439.40048	748.68524
SO2	mg/m3	Continuous when generating	740	809.28406	1022.60099	1228.39783
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 January 2026	31 January 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	740	262.98795	559.88213	974.20416
SO2	mg/m3	Continuous when generating	740	892.63702	1146.25262	1388.78198
Solid Particles	mg/m3	Quarterly				
Type 1&2 Substances	mg/m3	Every 6 months				



# EPA Monitoring Point 09

Report Start	Report End
1 January 2026	31 January 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	627	157.61362	332.44850	615.91718
SO2	mg/m3	Continuous when generating				
Solid Particles	mg/m3	Quarterly				
Type 1&2 Substances	mg/m3	Every 6 months				



# EPA Monitoring Point 10

Report Start	Report End
1 January 2026	31 January 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	621	166.41142	382.88218	660.78058
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 11

Report Start	Report End
1 January 2026	31 January 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				
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	661	272.58398	586.03951	1069.64014
SO2	mg/m3	Continuous when generating	661	925.32800	1180.33551	2240.26123
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 January 2026	31 January 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				
CO2	%	Every 6 months				
Mercury	mg/m3	Every 6 months				
NOx	mg/m3	Continuous when generating	672	183.15440	504.75228	817.58905
SO2	mg/m3	Continuous when generating	672	640.20630	1018.03163	1281.75439
Solid Particles	mg/m3	Quarterly				
Type 1&2 Substances	mg/m3	Every 6 months				



# EPA Monitoring Point 13

Report Start	Report End
1 January 2026	31 January 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				
CO2	%	Every 6 months				
Mercury	mg/m3	Every 6 months				
NOx	mg/m3	Continuous when generating	668	148.17744	470.74614	914.64172
SO2	mg/m3	Continuous when generating	668	548.35498	892.78551	1153.76721
Solid Particles	mg/m3	Quarterly				
Type 1&2 Substances	mg/m3	Every 6 months				



# EPA Monitoring Point 14

Report Start	Report End
1 January 2026	31 January 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				
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	672	88.97991	537.30491	950.92487
SO2	mg/m3	Continuous when generating	670	668.40405	1075.37288	1316.74414
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 16

Report Start	Report End
1 January 2026	31 January 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	691	0.10000	1.16845	9.10000
SO2	pphm	Continuous	677	-0.10000	0.15524	5.80000



# EPA Monitoring Point 17

Report Start	Report End
1 January 2026	31 January 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	0.01000	0.03250	0.06000
NOx	pphm	Continuous	710	0.10000	1.07887	7.30000
SO2	pphm	Continuous	699	0.00000	0.16023	4.30000



# EPA Monitoring Point 18

Report Start	Report End
1 January 2026	31 January 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	0.02250	0.06000
NOx	pphm	Continuous	710	0.10000	1.68930	13.40000
SO2	pphm	Continuous	692	0.00000	0.15780	4.10000



# EPA Monitoring Point 19

Report Start	Report End
1 January 2026	31 January 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	8885	0.00000	3379.45139	4347.00000
Oil and Grease	mg/L	Fortnightly	2	1.00000	1.00000	1.00000
pH	pH units	Continuous during discharge	8898	6.76000	8.04098	8.39000
Volume	ML/d	Daily	31	0.00000	6.51613	11.00000



# EPA Monitoring Point 20

Report Start	Report End
1 January 2026	31 January 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	4	1.00000	1.00000	1.00000
Suspended Solids	mg/L	Fortnightly	4	2.50000	3.12500	5.00000
Volume	kL/d	Daily	31	475.19479	971.98506	1301.05615



# EPA Monitoring Point 21

Report Start	Report End
1 January 2026	31 January 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	30	0.00000	0.00000	0.00000



# EPA Monitoring Point 22

Report Start	Report End
1 January 2026	31 January 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	31	4.99924	25.20868	104.24913



# EPA Monitoring Point 23

Report Start	Report End
1 January 2026	31 January 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 January 2026	31 January 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	30	0.00000	0.00000	0.00000



# EPA Monitoring Point 25

Report Start	Report End
1 January 2026	31 January 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	4	0.67000	0.77250	0.95000
Cadmium	mg/L	Weekly during discharge	4	0.00005	0.00005	0.00005
Conductivity	uS/cm	Continuous during discharge	4	1603.00000	1853.25000	2000.00000
Copper	mg/L	Weekly during discharge	4	0.00050	0.00175	0.00500
Iron	mg/L	Weekly during discharge	4	0.11000	0.19250	0.28000
Molybdenum	mg/L	Weekly during discharge	4	0.05000	0.06400	0.07100
Nickel	mg/L	Weekly during discharge	4	0.00300	0.00325	0.00400
pH	pH units	Weekly during discharge	4	7.80000	8.20000	8.40000
Silver	mg/L	Weekly during discharge	4	0.00050	0.00050	0.00050



# EPA Monitoring Point 26

Report Start	Report End
1 January 2026	31 January 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	30	0.00000	5356.80000	94,608.00000



# EPA Monitoring Point 27

Report Start	Report End
1 January 2026	31 January 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				



# EPA Monitoring Point 28

Report Start	Report End
1 January 2026	31 January 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				



# EPA Monitoring Point 29

Report Start	Report End
1 January 2026	31 January 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				



# EPA Monitoring Point 30

Report Start	Report End
1 January 2026	31 January 2026

## 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 January 2026	31 January 2026

## 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				



# EPA Monitoring Point 32

Report Start	Report End
1 January 2026	31 January 2026

## 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				



# EPA Monitoring Point 33

Report Start	Report End
1 January 2026	31 January 2026

## 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				



# EPA Monitoring Point 34

Report Start	Report End
1 January 2026	31 January 2026

## 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				



# EPA Monitoring Point 35

Report Start	Report End
1 January 2026	31 January 2026

## 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				



# EPA Monitoring Point 36

Report Start	Report End
1 January 2026	31 January 2026

## 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				



# EPA Monitoring Point 37

Report Start	Report End
1 January 2026	31 January 2026

## 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				



# EPA Monitoring Point 38

Report Start	Report End
1 January 2026	31 January 2026

## 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				