



Start Of Month	EndDate
01-Aug-24 12:00:00 AM	01-Sep-24 12:00:00 AM

Monthly Data Summary
AGL Macquarie - Bayswater Power Station
Environmental Protection License: EPL779

EPA Monitoring Point 3



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	Unit of measure	Sampling Frequency	Sampling Performance	Lowest value	Mean Values	Highest value	100th percentile concentration limits
NOx	mg/m3	Continuous when generating	100.13%	397.91	643.12	922.39	1500 mg/m3
SO2	mg/m3	Continuous when generating	100.13%	746.17	1,089.54	1,375.22	1700 mg/m3

Start Of Month	EndDate
01-Aug-24 12:00:00 AM	01-Sep-24 12:00:00 AM

Pollutant	Unit of measure	Sampling Frequency	Date of Last Sample	Latest Value	100th percentile concentration limits
Cadmium	mg/m3	Every 6 months	16/02/2024 6:17:00 AM	0.00020	0.03 mg/m3
Chlorine	mg/m3	Every 6 months	16/02/2024 10:22:00 AM	0.01000	4 mg/m3
Fluorine	mg/m3	Every 6 months	16/02/2024 10:22:00 AM	8.90000	30 mg/m3
Hydrogen Chloride	mg/m3	Every 6 months	16/02/2024 10:22:00 AM	12.00000	50 mg/m3
Mercury	mg/m3	Every 6 months	16/02/2024 6:17:00 AM	0.00160	0.03 mg/m3
Solid Particles	mg/m3	Quarterly	8/05/2024 7:30:00 AM	14.00000	50 mg/m3
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months	20/02/2024 8:18:00 AM	4.00000	100 mg/m3
Type 1&2 Substances	mg/m3	Every 6 months	16/02/2024 6:17:00 AM	0.01500	0.6 mg/m3
Volatile Organic Compounds	mg/m3	Every 6 months	16/02/2024 10:28:00 AM	0.05800	8 mg/m3

EPA Monitoring Point 4



Pollutant	Unit of measure	Sampling Frequency	Sampling Performance	Lowest value	Mean Values	Highest value	100th percentile concentration limits
NOx	mg/m3	Continuous when generating	99.87%	301.14	518.42	824.00	1500 mg/m3
SO2	mg/m3	Continuous when generating	99.87%	752.67	1,109.54	1,397.30	1700 mg/m3

Start Of Month	EndDate
01-Aug-24 12:00:00 AM	01-Sep-24 12:00:00 AM

Pollutant	Unit of measure	Sampling Frequency	Date of Last Sample	Latest Value	100th percentile concentration limits
Cadmium	mg/m3	Every 6 months	14/02/2024 8:05:00 AM	0.00020	0.03 mg/m3
Chlorine	mg/m3	Every 6 months	14/02/2024 12:08:00 PM	0.01000	4 mg/m3
Fluorine	mg/m3	Every 6 months	14/02/2024 12:08:00 PM	8.90000	30 mg/m3
Hydrogen Chloride	mg/m3	Every 6 months	14/02/2024 12:08:00 PM	13.00000	50 mg/m3
Mercury	mg/m3	Every 6 months	14/02/2024 8:05:00 AM	0.00230	0.03 mg/m3
Solid Particles	mg/m3	Quarterly	8/05/2024 7:40:00 AM	12.00000	50 mg/m3
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months	20/02/2024 1:20:00 PM	3.50000	100 mg/m3
Type 1&2 Substances	mg/m3	Every 6 months	14/02/2024 8:05:00 AM	0.01000	0.6 mg/m3
Volatile Organic Compounds	mg/m3	Every 6 months	14/02/2024 12:31:00 PM	0.03900	8 mg/m3

EPA Monitoring Point 5



Pollutant	Unit of measure	Sampling Frequency	Sampling Performance	Lowest value	Mean Values	Highest value	100th percentile concentration limits
NOx	mg/m3	Continuous when generating	100.00%	498.22	720.66	908.60	1500 mg/m3
SO2	mg/m3	Continuous when generating	100.00%	771.97	1,145.47	1,377.77	1700 mg/m3

Start Of Month	EndDate
01-Aug-24 12:00:00 AM	01-Sep-24 12:00:00 AM

Pollutant	Unit of measure	Sampling Frequency	Date of Last Sample	Latest Value	100th percentile concentration limits
Cadmium	mg/m3	Every 6 months	15/02/2024 7:45:00 AM	0.00020	0.03 mg/m3
Chlorine	mg/m3	Every 6 months	15/02/2024 11:51:00 AM	0.00450	4 mg/m3
Fluorine	mg/m3	Every 6 months	15/02/2024 11:51:00 AM	8.30000	30 mg/m3
Hydrogen Chloride	mg/m3	Every 6 months	15/02/2024 11:51:00 AM	14.00000	50 mg/m3
Mercury	mg/m3	Every 6 months	15/02/2024 7:45:00 AM	0.00290	0.03 mg/m3
Solid Particles	mg/m3	Quarterly	9/05/2024 9:15:00 AM	40.00000	50 mg/m3
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months	21/02/2024 12:28:00 PM	5.20000	100 mg/m3
Type 1&2 Substances	mg/m3	Every 6 months	15/02/2024 7:45:00 AM	0.01500	0.6 mg/m3
Volatile Organic Compounds	mg/m3	Every 6 months	15/02/2024 12:25:00 PM	0.03500	8 mg/m3

EPA Monitoring Point 6



Pollutant	Unit of measure	Sampling Frequency	Sampling Performance	Lowest value	Mean Values	Highest value	100th percentile concentration limits
NOx	mg/m3	Continuous when generating	100.14%	386.61	807.11	1,054.39	1500 mg/m3
SO2	mg/m3	Continuous when generating	100.14%	751.55	1,152.71	1,400.44	1700 mg/m3

Start Of Month	EndDate
01-Aug-24 12:00:00 AM	01-Sep-24 12:00:00 AM

Pollutant	Unit of measure	Sampling Frequency	Date of Last Sample	Latest Value	100th percentile concentration limits
Cadmium	mg/m3	Every 6 months	23/02/2024 7:50:00 AM	0.00015	0.03 mg/m3
Chlorine	mg/m3	Every 6 months	22/02/2024 11:26:00 AM	0.01000	4 mg/m3
Fluorine	mg/m3	Every 6 months	22/02/2024 11:26:00 AM	10.00000	30 mg/m3
Hydrogen Chloride	mg/m3	Every 6 months	22/02/2024 11:26:00 AM	15.00000	50 mg/m3
Mercury	mg/m3	Every 6 months	23/02/2024 7:50:00 AM	0.00030	0.03 mg/m3
Solid Particles	mg/m3	Quarterly	10/05/2024 11:40:00 AM	13.00000	50 mg/m3
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months	21/02/2024 7:20:00 AM	3.20000	100 mg/m3
Type 1&2 Substances	mg/m3	Every 6 months	23/02/2024 7:50:00 AM	0.05000	0.6 mg/m3
Volatile Organic Compounds	mg/m3	Every 6 months	22/02/2024 12:22:00 PM	0.49000	8 mg/m3

EPA Monitoring Point 7



Pollutant	Unit of measure	Sampling Frequency	Sampling Performance	Lowest value	Mean Values	Highest value
NOx	mg/m3	Continuous when generating	100.13%	406.67	634.12	883.61
SO2	mg/m3	Continuous when generating	100.13%	737.04	1,074.80	1,374.81

Start Of Month	EndDate
01-Aug-24 12:00:00 AM	01-Sep-24 12:00:00 AM

Pollutant	Unit of measure	Sampling Frequency	Count (12 Months)	Date of Last Sample	Latest Value
Cadmium	mg/m3	Every 6 months	2	16/02/2024 6:17:00 AM	0.00025
Chlorine	mg/m3	Every 6 months	2	16/02/2024 10:22:00 AM	0.01000
CO2	%	Every 6 months	10	11/05/2024 8:40:00 AM	10.20000
Fluorine	mg/m3	Every 6 months	2	16/02/2024 10:22:00 AM	8.90000
Hydrogen Chloride	mg/m3	Every 6 months	2	16/02/2024 10:22:00 AM	12.00000
Mercury	mg/m3	Every 6 months	2	16/02/2024 6:17:00 AM	0.00170
Solid Particles	mg/m3	Quarterly	5	8/05/2024 7:30:00 AM	6.60000
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months	2	20/02/2024 8:18:00 AM	4.00000
Type 1&2 Substances	mg/m3	Every 6 months	2	16/02/2024 6:17:00 AM	0.01550
Volatile Organic Compounds	mg/m3	Every 6 months	2	16/02/2024 10:28:00 AM	0.05800

EPA Monitoring Point 8



Pollutant	Unit of measure	Sampling Frequency	Sampling Performance	Lowest value	Mean Values	Highest value
NOx	mg/m3	Continuous when generating	100.13%	375.75	651.25	972.78
SO2	mg/m3	Continuous when generating	100.13%	761.78	1,104.76	1,405.00

Start Of Month	EndDate
01-Aug-24 12:00:00 AM	01-Sep-24 12:00:00 AM

Pollutant	Unit of measure	Sampling Frequency	Count (12 Months)	Date of Last Sample	Latest Value
Cadmium	mg/m3	Every 6 months	2	16/02/2024 6:35:00 AM	0.00015
CO2	%	Every 6 months	6	11/05/2024 8:40:00 AM	11.00000
Mercury	mg/m3	Every 6 months	2	16/02/2024 6:35:00 AM	0.00150
Solid Particles	mg/m3	Quarterly	5	8/05/2024 7:40:00 AM	21.00000
Type 1&2 Substances	mg/m3	Every 6 months	2	16/02/2024 6:35:00 AM	0.00950

EPA Monitoring Point 9



Pollutant	Unit of measure	Sampling Frequency	Sampling Performance	Lowest value	Mean Values	Highest value
NOx	mg/m3	Continuous when generating	99.87%	287.36	529.35	776.73
SO2	mg/m3	Continuous when generating	99.87%	689.59	1,020.86	1,295.10

Start Of Month	EndDate
01-Aug-24 12:00:00 AM	01-Sep-24 12:00:00 AM

Pollutant	Unit of measure	Sampling Frequency	Year Count Samples	Year Date of Sample	Year last measurement
Cadmium	mg/m3	Every 6 months	2	14/02/2024 8:05:00 AM	0.00025
CO2	%	Every 6 months	6	8/05/2024 12:02:00 PM	9.40000
Mercury	mg/m3	Every 6 months	2	14/02/2024 8:05:00 AM	0.00250
Solid Particles	mg/m3	Quarterly	5	8/05/2024 11:50:00 AM	9.50000
Type 1&2 Substances	mg/m3	Every 6 months	2	14/02/2024 8:05:00 AM	0.01150

EPA Monitoring Point 10



Pollutant	Unit of measure	Sampling Frequency	Sampling Performance	Lowest value	Mean Values	Highest value
NOx	mg/m3	Continuous when generating	99.33%	306.02	507.98	878.20
SO2	mg/m3	Continuous when generating	99.33%	806.84	1,199.11	1,498.79

Start Of Month	EndDate
01-Aug-24 12:00:00 AM	01-Sep-24 12:00:00 AM

Pollutant	Unit of measure	Sampling Frequency	Count (12 Months)	Date of Last Sample	Latest Value
Antimony	mg/m3	Every 6 months	2	14/02/2024 7:44:00 AM	0.00100
Cadmium	mg/m3	Every 6 months	2	14/02/2024 7:44:00 AM	0.00033
Chlorine	mg/m3	Every 6 months	2	14/02/2024 12:08:00 PM	0.01000
CO2	%	Every 6 months	10	8/05/2024 11:58:00 AM	11.20000
Fluorine	mg/m3	Every 6 months	2	14/02/2024 12:08:00 PM	8.90000
Hydrogen Chloride	mg/m3	Every 6 months	2	14/02/2024 12:08:00 PM	13.00000
Mercury	mg/m3	Every 6 months	2	14/02/2024 7:44:00 AM	0.00210
Solid Particles	mg/m3	Quarterly	5	8/05/2024 11:50:00 AM	14.00000
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months	2	20/02/2024 1:20:00 PM	3.50000
Type 1&2 Substances	mg/m3	Every 6 months	2	14/02/2024 7:44:00 AM	0.00950
Volatile Organic Compounds	mg/m3	Every 6 months	2	14/02/2024 12:31:00 PM	0.03900

EPA Monitoring Point 11



Pollutant	Unit of measure	Sampling Frequency	Sampling Performance	Lowest value	Mean Values	Highest value
NOx	mg/m3	Continuous when generating	100.00%	486.07	678.97	877.06
SO2	mg/m3	Continuous when generating	100.00%	717.62	1,124.34	1,350.80

Start Of Month	EndDate
01-Aug-24 12:00:00 AM	01-Sep-24 12:00:00 AM

Pollutant	Unit of measure	Sampling Frequency	Count (12 Months)	Date of Last Sample	Latest Value
Cadmium	mg/m3	Every 6 months	2	15/02/2024 7:45:00 AM	0.00020
Chlorine	mg/m3	Every 6 months	2	15/02/2024 11:51:00 AM	0.00450
CO2	%	Every 6 months	10	9/05/2024 9:15:00 AM	10.20000
Fluorine	mg/m3	Every 6 months	2	15/02/2024 11:51:00 AM	8.30000
Hydrogen Chloride	mg/m3	Every 6 months	2	15/02/2024 11:51:00 AM	14.00000
Mercury	mg/m3	Every 6 months	2	15/02/2024 7:45:00 AM	0.00210
Solid Particles	mg/m3	Quarterly	5	9/05/2024 9:15:00 AM	32.00000
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months	2	21/02/2024 12:28:00 PM	5.20000
Type 1&2 Substances	mg/m3	Every 6 months	2	15/02/2024 7:45:00 AM	0.01100
Volatile Organic Compounds	mg/m3	Every 6 months	2	15/02/2024 12:25:00 PM	0.03500

EPA Monitoring Point 12



Pollutant	Unit of measure	Sampling Frequency	Sampling Performance	Lowest value	Mean Values	Highest value
NOx	mg/m3	Continuous when generating	100.00%	509.78	762.29	968.41
SO2	mg/m3	Continuous when generating	100.00%	838.79	1,167.41	1,412.82

Start Of Month	EndDate
01-Aug-24 12:00:00 AM	01-Sep-24 12:00:00 AM

Pollutant	Unit of measure	Sampling Frequency	Count (12 Months)	Date of Last Sample	Latest Value
Cadmium	mg/m3	Every 6 months	2	15/02/2024 7:50:00 AM	0.00036
CO2	%	Every 6 months	6	9/05/2024 9:15:00 AM	8.70000
Mercury	mg/m3	Every 6 months	2	15/02/2024 7:50:00 AM	0.00360
Solid Particles	mg/m3	Quarterly	5	9/05/2024 9:15:00 AM	47.00000
Type 1&2 Substances	mg/m3	Every 6 months	2	15/02/2024 7:50:00 AM	0.01600

EPA Monitoring Point 13



Pollutant	Unit of measure	Sampling Frequency	Sampling Performance	Lowest value	Mean Values	Highest value
NOx	mg/m3	Continuous when generating	100.14%	385.76	836.47	1,078.70
SO2	mg/m3	Continuous when generating	100.14%	760.01	1,165.68	1,429.92

Start Of Month	EndDate
01-Aug-24 12:00:00 AM	01-Sep-24 12:00:00 AM

Pollutant	Unit of measure	Sampling Frequency	Count (12 Months)	Date of Last Sample	Latest Value
Cadmium	mg/m3	Every 6 months	2	23/02/2024 7:50:00 AM	0.00020
CO2	%	Every 6 months	6	10/05/2024 11:58:00 AM	10.10000
Mercury	mg/m3	Every 6 months	2	23/02/2024 7:50:00 AM	0.00086
Solid Particles	mg/m3	Quarterly	5	10/05/2024 11:40:00 AM	8.60000
Type 1&2 Substances	mg/m3	Every 6 months	2	23/02/2024 7:50:00 AM	0.06500

EPA Monitoring Point 14



Pollutant	Unit of measure	Sampling Frequency	Sampling Performance	Lowest value	Mean Values	Highest value
NOx	mg/m3	Continuous when generating	100.14%	367.49	778.15	1,076.99
SO2	mg/m3	Continuous when generating	100.14%	727.28	1,141.33	1,396.74

Start Of Month	EndDate
01-Aug-24 12:00:00 AM	01-Sep-24 12:00:00 AM

Pollutant	Unit of measure	Sampling Frequency	Count (12 Months)	Date of Last Sample	Latest measurement
Cadmium	mg/m3	Every 6 months	2	22/02/2024 7:20:00 AM	0.00015
Chlorine	mg/m3	Every 6 months	2	22/02/2024 11:26:00 AM	0.01000
CO2	%	Every 6 months	10	10/05/2024 11:45:00 AM	10.70000
Fine Particulates PM10	mg/m3	Every 6 months	1	12/10/2023 11:36:00 AM	1.30000
Fluorine	mg/m3	Every 6 months	2	22/02/2024 11:26:00 AM	10.00000
Hydrogen Chloride	mg/m3	Every 6 months	2	22/02/2024 11:26:00 AM	15.00000
Mercury	mg/m3	Every 6 months	2	22/02/2024 7:20:00 AM	0.00025
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months	2	21/02/2024 7:20:00 AM	3.20000
Type 1&2 Substances	mg/m3	Every 6 months	2	22/02/2024 7:20:00 AM	0.06500
Volatile Organic Compounds	mg/m3	Every 6 months	2	22/02/2024 12:22:00 PM	0.49000



EPA Monitoring Point 19

Start Of Month	EndDate
01-Aug-24 12:00:00 AM	01-Sep-24 12:00:00 AM

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

Pollutant	Unit of measure	Sampling Frequency	Sampling Performance	Month Count Measure	Lowest Value	Mean Value	Highest Value	100th percentile concentration limits
Conductivity	uS/cm	Continuous during discharge	0.00%	8920	12.00000	3156.76264	3813.00000	4500 uS/cm
Oil and Grease	mg/L	Fortnightly	0.00%	2	1.00000	1.00000	1.00000	10 mg/L
pH	pH units	Continuous during discharge	0.00%	8924	7.18000	8.20068	8.66000	9 pH units
Pollutant	Unit of measure	Sampling Frequency	Month Count Measure	Month Sum Measure			100th percentile concentration limits	
Volume	ML/d	Daily	29	97.00			840 ML/d	

EPA Monitoring Point 20

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

Pollutant	Unit of measure	Sampling Frequency	Samples collected	Lowest Value	Mean Value	Highest Value	100th percentile concentration limits
Oil and Grease	mg/L	Fortnightly	4	1.00000	1.00000	1.00000	10 mg/L
Suspended Solids	mg/L	Fortnightly	4	2.50000	2.50000	2.50000	30 mg/L
Volume	kL/d	Daily	31	1921.51013	3292.39055	7072.05420	36400 kL/d

EPA Monitoring Point 21



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

Pollutant ▲	Unit of measure	Sampling Frequency	Samples collected	Lowest Value	Mean Value	Highest Value
Boron	mg/L	Weekly during discharge	3	2.08000	2.20667	2.37000
Cadmium	mg/L	Weekly during discharge	3	0.00005	0.00005	0.00005
Conductivity	uS/cm	Continuous during discharge	3	2480.00000	2540.00000	2640.00000
Copper	mg/L	Weekly during discharge	3	0.00050	0.00067	0.00100
Iron	mg/L	Weekly during discharge	3	0.09000	0.11667	0.15000
Molybdenum	mg/L	Weekly during discharge	3	0.20100	0.24133	0.29700
Nickel	mg/L	Weekly during discharge	3	0.00500	0.00600	0.00700
pH	pH units	Weekly during discharge	3	8.19000	8.42333	8.54000
silver	mg/L	Weekly during discharge	3	0.00050	0.00050	0.00050
Volume	kL/d	Daily	1	0.00000	1644.38710	50976.00000

Start Of Month	EndDate ▼
01-Aug-24 12:00:00 AM	01-Sep-24 12:00:00 AM

EPA Monitoring Point 22



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

Pollutant	Unit of measure	Sampling Frequency	Samples collected	Lowest Value	Mean Value	Highest Value	100th percentile concentration limits
Volume	ML/d	Daily	29	5.69308	14.77804	95.94739	

Start Of Month	EndDate
01-Aug-24 12:00:00 AM	01-Sep-24 12:00:00 AM

EPA Monitoring Point 23

Discharge of saline water under the Hunter River Salinity Trading Scheme, Discharge water quality monitoring, Volume monitoring. Discharge of saline wates from discharge pipe from the Lake Liddell dam wall marked and shown as EPL Monitors ID No. 23 on The Plans

Pollutant	Unit of measure	Sampling Frequency	Samples Performance	Lowest Value	Mean Value	Highest Value	100th percentile concentration limits
Conductivity	uS/cm	Continuous during discharge					
pH	pH units	Daily during discharge					8.5 pH units
Suspended Solids	mg/L	Daily during discharge					30 mg/L

Pollutant	Unit of measure	Sampling Frequency	Sampling Performance	Lowest value	Mean Value	Highest Value	100th percentile concentration limits
Volume	ML/d	Daily					700 ML/d

EPA Monitoring Point 24



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

Pollutant	Unit of measure	Sampling Frequency	Samples collected	lowest value	Mean Value	Highest Value	100th percentile concentration limits
Boron	mg/L	Weekly during discharge					0.81 mg/L
Cadmium	mg/L	Weekly during discharge					0.2 mg/L
Conductivity	uS/cm	Continuous during discharge					
Copper	mg/L	Weekly during discharge					0.001 mg/L
Iron	mg/L	Weekly during discharge					0.27 mg/L
Molybdenum	mg/L	Weekly during discharge					0.29 mg/L
Nickel	mg/L	Weekly during discharge					0.019 mg/L
pH	pH units	Weekly during discharge					9.5 pH units
silver	mg/L	Weekly during discharge					0.0005 mg/L
Suspended Solids	mg/L	Monthly during discharge					30 mg/L
Volume	ML/d	Daily		0.00000	0.00000	0.00000	20 ML/d

Start Of Month	EndDate
01-Aug-24 12:00:00 AM	01-Sep-24 12:00:00 AM

EPA Monitoring Point 27

Pollutant	Unit of measure	Sampling Frequency	Samples collected	lowest value	Mean Value	Highest Value	100th percentile concentration limits ▲
Aluminium	mg/m3	Every 6 months	9	6.49000	7.20333	8.60000	
Ammonia	mg/m3	Every 6 months	9	0.56000	0.60444	0.67000	
Antimony	mg/m3	Every 6 months	8	0.00050	0.00050	0.00050	
Arsenic III	mg/m3	Every 6 months	8	0.00025	0.00034	0.00100	
Arsenic V	mg/m3	Every 6 months	8	0.00025	0.00032	0.00080	
Barium	mg/m3	Every 6 months	9	0.00700	0.01167	0.03900	
Beryllium	mg/m3	Every 6 months	9	0.00400	0.00411	0.00500	
Boron	mg/m3	Every 6 months	9	2.96000	3.31222	4.10000	
Cadmium	mg/m3	Every 6 months	9	0.00030	0.00038	0.00050	
Calcium	mg/m3	Every 6 months	9	568.00000	591.22222	622.00000	
Chloride	mg/m3	Every 6 months	9	674.00000	718.11111	758.00000	
Chromium III	mg/m3	Every 6 months	7	0.00500	0.00500	0.00500	
Chromium VI	mg/m3	Every 6 months	7	0.00500	0.00500	0.00500	
Cobalt	mg/m3	Every 6 months	9	0.07900	0.08378	0.09000	
Copper	mg/m3	Every 6 months	9	0.00050	0.00317	0.01000	
Electrical Conductivity	mg/m3	Every 6 months	10	4660.00000	4864.00000	5060.00000	
Iron	mg/m3	Every 6 months	9	0.26000	0.57333	2.74000	
Lead	mg/m3	Every 6 months	9	0.00050	0.00067	0.00200	
Lithium	mg/m3	Every 6 months	8	0.44400	0.49538	0.62600	
Magnesium	mg/m3	Every 6 months	9	33.00000	35.55556	41.00000	
Manganese	mg/m3	Every 6 months	9	0.65400	0.70611	0.78000	
Mercury	mg/m3	Every 6 months	9	0.00002	0.00004	0.00005	
Molybdenum	mg/m3	Every 6 months	9	0.00050	0.00072	0.00200	
Nickel	mg/m3	Every 6 months	9	0.15000	0.16244	0.17700	
Nitrate	mg/m3	Every 6 months	9	0.00500	0.00944	0.04000	
Nitrite	mg/m3	Every 6 months	9	0.00500	0.00500	0.00500	
Nitrite - Nitrate	mg/m3	Every 6 months	9	0.00500	0.00944	0.04000	
pH	mg/m3	Every 6 months	10	3.90000	4.03000	4.10000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	8	0.00500	0.00563	0.01000	
Phosphorus Total	mg/m3	Every 6 months	7	0.00500	0.01500	0.03000	
Potassium	mg/m3	Every 6 months	9	21.00000	23.00000	25.00000	
Selenium	mg/m3	Every 6 months	9	0.00500	0.01278	0.04000	
silver	mg/m3	Every 6 months	8	0.00050	0.00069	0.00200	
Sodium	mg/m3	Every 6 months	9	472.00000	502.00000	535.00000	
Strontium dissolved	mg/m3	Every 6 months	5	0.32600	0.34960	0.39100	
Sulfate	mg/m3	Every 6 months	9	1740.00000	1920.00000	2120.00000	
Thalium	mg/m3	Every 6 months	8	0.00050	0.00050	0.00050	
Titanium	mg/m3	Every 6 months	8	0.00500	0.00938	0.04000	
Total Alkalinity	mg/m3	Every 6 months	9	0.50000	0.50000	0.50000	
Total Dissolved Solids	mg/m3	Every 6 months	9	3590.00000	3895.55556	4120.00000	
Total Hardness	mg/m3	Every 6 months	9	1560.00000	1622.22222	1700.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	9	0.60000	0.78889	1.20000	
Total Nitrogen	mg/m3	Every 6 months	9	0.60000	0.78889	1.20000	
Vanadium	mg/m3	Every 6 months	9	0.00500	0.00500	0.00500	
Zinc	mg/m3	Every 6 months	9	0.24800	0.26744	0.30200	

EPA Monitoring Point 28

Pollutant	Unit of measure	Sampling Frequency	Samples collected	lowest value	Mean Value	Highest Value	100th percentile concentration limits ▲
Aluminium	mg/m3	Every 6 months	9	0.00500	0.16722	1.12000	
Ammonia	mg/m3	Every 6 months	9	0.09000	0.14444	0.24000	
Antimony	mg/m3	Every 6 months	8	0.00050	0.00050	0.00050	
Arsenic III	mg/m3	Every 6 months	8	0.00025	0.00025	0.00025	
Arsenic V	mg/m3	Every 6 months	8	0.00025	0.00034	0.00070	
Barium	mg/m3	Every 6 months	9	0.01900	0.02378	0.03300	
Beryllium	mg/m3	Every 6 months	9	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	9	2.72000	3.07444	3.60000	
Cadmium	mg/m3	Every 6 months	9	0.00005	0.00005	0.00005	
Calcium	mg/m3	Every 6 months	9	322.00000	348.88889	378.00000	
Chloride	mg/m3	Every 6 months	9	446.00000	475.88889	502.00000	
Chromium III	mg/m3	Every 6 months	7	0.00500	0.00500	0.00500	
Chromium VI	mg/m3	Every 6 months	7	0.00500	0.00500	0.00500	
Cobalt	mg/m3	Every 6 months	9	0.00050	0.00056	0.00100	
Copper	mg/m3	Every 6 months	9	0.00050	0.00056	0.00100	
Electrical Conductivity	mg/m3	Every 6 months	10	4550.00000	4954.00000	5270.00000	
Iron	mg/m3	Every 6 months	9	0.02500	0.18333	1.20000	
Lead	mg/m3	Every 6 months	9	0.00050	0.00067	0.00200	
Lithium	mg/m3	Every 6 months	8	0.08700	0.10400	0.11400	
Magnesium	mg/m3	Every 6 months	9	130.00000	144.77778	156.00000	
Manganese	mg/m3	Every 6 months	9	0.12000	0.15922	0.19900	
Mercury	mg/m3	Every 6 months	9	0.00002	0.00005	0.00005	
Molybdenum	mg/m3	Every 6 months	9	0.00050	0.00078	0.00200	
Nickel	mg/m3	Every 6 months	9	0.00400	0.00533	0.00700	
Nitrate	mg/m3	Every 6 months	9	0.00500	0.01778	0.06000	
Nitrite	mg/m3	Every 6 months	9	0.00500	0.00500	0.00500	
Nitrite - Nitrate	mg/m3	Every 6 months	9	0.00500	0.01778	0.06000	
pH	mg/m3	Every 6 months	10	6.70000	6.84000	7.10000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	8	0.00500	0.01375	0.02000	
Phosphorus Total	mg/m3	Every 6 months	7	0.01000	0.03000	0.05000	
Potassium	mg/m3	Every 6 months	9	4.00000	4.88889	8.00000	
Selenium	mg/m3	Every 6 months	9	0.00500	0.00500	0.00500	
silver	mg/m3	Every 6 months	8	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	9	610.00000	676.77778	729.00000	
Strontium dissolved	mg/m3	Every 6 months	5	1.92000	2.04800	2.37000	
Sulfate	mg/m3	Every 6 months	9	1780.00000	1934.44444	2030.00000	
Thalium	mg/m3	Every 6 months	8	0.00050	0.00050	0.00050	
Titanium	mg/m3	Every 6 months	8	0.00500	0.00813	0.03000	
Total Alkalinity	mg/m3	Every 6 months	9	410.00000	439.55556	463.00000	
Total Dissolved Solids	mg/m3	Every 6 months	9	3530.00000	3923.33333	4350.00000	
Total Hardness	mg/m3	Every 6 months	9	1390.00000	1467.77778	1570.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	9	0.20000	0.38889	0.60000	
Total Nitrogen	mg/m3	Every 6 months	9	0.20000	0.40000	0.70000	
Vanadium	mg/m3	Every 6 months	9	0.00500	0.00500	0.00500	
Zinc	mg/m3	Every 6 months	9	0.00250	0.00289	0.00600	

EPA Monitoring Point 29

Pollutant	Unit of measure	Sampling Frequency	Samples collected	lowest value	Mean Value	Highest Value	100th percentile concentration limits ▲
Aluminium	mg/m3	Every 6 months	9	0.06000	0.85889	3.62000	
Ammonia	mg/m3	Every 6 months	9	0.09000	0.26889	0.42000	
Antimony	mg/m3	Every 6 months	8	0.00050	0.00050	0.00050	
Arsenic III	mg/m3	Every 6 months	8	0.00025	0.00231	0.01150	
Arsenic V	mg/m3	Every 6 months	8	0.00025	0.00182	0.00370	
Barium	mg/m3	Every 6 months	9	0.01100	0.02156	0.05300	
Beryllium	mg/m3	Every 6 months	9	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	9	0.16000	0.38556	0.90000	
Cadmium	mg/m3	Every 6 months	9	0.00005	0.00005	0.00005	
Calcium	mg/m3	Every 6 months	9	352.00000	394.00000	450.00000	
Chloride	mg/m3	Every 6 months	9	1410.00000	1623.33333	1860.00000	
Chromium III	mg/m3	Every 6 months	6	0.00500	0.00750	0.02000	
Chromium VI	mg/m3	Every 6 months	6	0.00500	0.00500	0.00500	
Cobalt	mg/m3	Every 6 months	9	0.13300	0.39356	0.79200	
Copper	mg/m3	Every 6 months	9	0.00050	0.00100	0.00300	
Electrical Conductivity	mg/m3	Every 6 months	9	9720.00000	10320.00000	10910.00000	
Iron	mg/m3	Every 6 months	9	3.79000	17.15444	44.80000	
Lead	mg/m3	Every 6 months	9	0.00050	0.00094	0.00300	
Lithium	mg/m3	Every 6 months	8	0.08900	0.13600	0.25100	
Magnesium	mg/m3	Every 6 months	9	246.00000	274.44444	323.00000	
Manganese	mg/m3	Every 6 months	9	1.73000	2.49556	4.51000	
Mercury	mg/m3	Every 6 months	9	0.00002	0.00005	0.00005	
Molybdenum	mg/m3	Every 6 months	9	0.00050	0.00056	0.00100	
Nickel	mg/m3	Every 6 months	9	0.09200	0.20433	0.36700	
Nitrate	mg/m3	Every 6 months	9	0.00500	0.00833	0.02000	
Nitrite	mg/m3	Every 6 months	9	0.00500	0.00500	0.00500	
Nitrite - Nitrate	mg/m3	Every 6 months	9	0.00500	0.00833	0.02000	
pH	mg/m3	Every 6 months	9	5.70000	5.97778	6.40000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	8	0.00500	0.00500	0.00500	
Phosphorus Total	mg/m3	Every 6 months	7	0.00500	0.02929	0.05000	
Potassium	mg/m3	Every 6 months	9	4.00000	6.22222	14.00000	
Selenium	mg/m3	Every 6 months	9	0.00500	0.00500	0.00500	
silver	mg/m3	Every 6 months	8	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	9	1660.00000	1838.88889	2110.00000	
Strontium dissolved	mg/m3	Every 6 months	4	2.54000	2.76500	3.06000	
Sulfate	mg/m3	Every 6 months	9	3440.00000	3543.33333	3670.00000	
Thalium	mg/m3	Every 6 months	8	0.00050	0.00050	0.00050	
Titanium	mg/m3	Every 6 months	8	0.00500	0.01250	0.05000	
Total Alkalinity	mg/m3	Every 6 months	9	84.00000	138.22222	234.00000	
Total Dissolved Solids	mg/m3	Every 6 months	9	7640.00000	8333.33333	9180.00000	
Total Hardness	mg/m3	Every 6 months	9	1930.00000	2113.33333	2450.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	9	0.40000	0.57778	0.80000	
Total Nitrogen	mg/m3	Every 6 months	9	0.40000	0.57778	0.80000	
Vanadium	mg/m3	Every 6 months	9	0.00500	0.00500	0.00500	
Zinc	mg/m3	Every 6 months	9	0.01600	0.11278	0.19100	

EPA Monitoring Point 30

Pollutant	Unit of measure	Sampling Frequency	Samples collected	lowest value	Mean Value	Highest Value	100th percentile concentration limits ▲
Aluminium	mg/m3	Every 6 months	9	0.00500	0.01167	0.04000	
Ammonia	mg/m3	Every 6 months	9	0.04000	0.08778	0.20000	
Antimony	mg/m3	Every 6 months	8	0.00050	0.00050	0.00050	
Arsenic III	mg/m3	Every 6 months	8	0.00025	0.00038	0.00100	
Arsenic V	mg/m3	Every 6 months	8	0.00025	0.00041	0.00080	
Barium	mg/m3	Every 6 months	9	0.01000	0.01267	0.01400	
Beryllium	mg/m3	Every 6 months	9	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	9	1.95000	2.32556	2.66000	
Cadmium	mg/m3	Every 6 months	9	0.00005	0.00005	0.00005	
Calcium	mg/m3	Every 6 months	9	353.00000	375.00000	396.00000	
Chloride	mg/m3	Every 6 months	9	986.00000	1065.11111	1180.00000	
Chromium III	mg/m3	Every 6 months	7	0.00500	0.00500	0.00500	
Chromium VI	mg/m3	Every 6 months	7	0.00500	0.00500	0.00500	
Cobalt	mg/m3	Every 6 months	9	0.00050	0.00050	0.00050	
Copper	mg/m3	Every 6 months	9	0.00050	0.00050	0.00050	
Electrical Conductivity	mg/m3	Every 6 months	10	7150.00000	7632.00000	8020.00000	
Iron	mg/m3	Every 6 months	9	0.16000	0.24111	0.40000	
Lead	mg/m3	Every 6 months	9	0.00050	0.00050	0.00050	
Lithium	mg/m3	Every 6 months	8	0.19400	0.23275	0.26900	
Magnesium	mg/m3	Every 6 months	9	253.00000	291.11111	322.00000	
Manganese	mg/m3	Every 6 months	9	0.13700	0.15878	0.17500	
Mercury	mg/m3	Every 6 months	9	0.00002	0.00005	0.00005	
Molybdenum	mg/m3	Every 6 months	9	0.00300	0.00300	0.00300	
Nickel	mg/m3	Every 6 months	9	0.01100	0.01256	0.01400	
Nitrate	mg/m3	Every 6 months	9	0.00500	0.00722	0.02000	
Nitrite	mg/m3	Every 6 months	9	0.00500	0.00500	0.00500	
Nitrite - Nitrate	mg/m3	Every 6 months	9	0.00500	0.00722	0.02000	
pH	mg/m3	Every 6 months	10	7.00000	7.12000	7.20000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	8	0.00500	0.00938	0.03000	
Phosphorus Total	mg/m3	Every 6 months	7	0.01000	0.03714	0.06000	
Potassium	mg/m3	Every 6 months	9	11.00000	11.77778	12.00000	
Selenium	mg/m3	Every 6 months	9	0.00500	0.00500	0.00500	
silver	mg/m3	Every 6 months	8	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	9	956.00000	1099.88889	1220.00000	
Strontium dissolved	mg/m3	Every 6 months	5	2.79000	2.91600	3.05000	
Sulfate	mg/m3	Every 6 months	9	2700.00000	2805.55556	2910.00000	
Thalium	mg/m3	Every 6 months	8	0.00050	0.00050	0.00050	
Titanium	mg/m3	Every 6 months	8	0.00500	0.00500	0.00500	
Total Alkalinity	mg/m3	Every 6 months	9	339.00000	371.66667	396.00000	
Total Dissolved Solids	mg/m3	Every 6 months	9	5930.00000	6424.44444	7390.00000	
Total Hardness	mg/m3	Every 6 months	9	2020.00000	2134.44444	2280.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	9	0.10000	0.20000	0.40000	
Total Nitrogen	mg/m3	Every 6 months	9	0.10000	0.20000	0.40000	
Vanadium	mg/m3	Every 6 months	9	0.00500	0.00500	0.00500	
Zinc	mg/m3	Every 6 months	9	0.00250	0.00311	0.00800	

EPA Monitoring Point 31

Pollutant	Unit of measure	Sampling Frequency	Samples collected	lowest value	Mean Value	Highest Value	100th percentile concentration limits ▲
Aluminium	mg/m3	Every 6 months	6	0.00500	0.05167	0.24000	
Ammonia	mg/m3	Every 6 months	6	0.14000	0.21667	0.33000	
Antimony	mg/m3	Every 6 months	5	0.00050	0.00050	0.00050	
Arsenic III	mg/m3	Every 6 months	5	0.00025	0.00025	0.00025	
Arsenic V	mg/m3	Every 6 months	5	0.00025	0.00032	0.00060	
Barium	mg/m3	Every 6 months	6	0.00500	0.00633	0.00800	
Beryllium	mg/m3	Every 6 months	6	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	6	4.42000	4.89333	5.66000	
Cadmium	mg/m3	Every 6 months	6	0.00010	0.00020	0.00030	
Calcium	mg/m3	Every 6 months	6	501.00000	525.16667	552.00000	
Chloride	mg/m3	Every 6 months	6	474.00000	506.50000	599.00000	
Chromium III	mg/m3	Every 6 months	5	0.00500	0.00500	0.00500	
Chromium VI	mg/m3	Every 6 months	5	0.00500	0.00500	0.00500	
Cobalt	mg/m3	Every 6 months	6	0.00050	0.00050	0.00050	
Copper	mg/m3	Every 6 months	6	0.00050	0.00050	0.00050	
Electrical Conductivity	mg/m3	Every 6 months	6	4780.00000	5000.00000	5130.00000	
Iron	mg/m3	Every 6 months	6	0.02500	0.14833	0.49000	
Lead	mg/m3	Every 6 months	6	0.00050	0.00050	0.00050	
Lithium	mg/m3	Every 6 months	5	0.28000	0.32360	0.42800	
Magnesium	mg/m3	Every 6 months	6	105.00000	119.16667	127.00000	
Manganese	mg/m3	Every 6 months	6	0.14800	0.18933	0.21000	
Mercury	mg/m3	Every 6 months	6	0.00005	0.00005	0.00005	
Molybdenum	mg/m3	Every 6 months	6	0.00100	0.00133	0.00200	
Nickel	mg/m3	Every 6 months	6	0.00900	0.01150	0.01500	
Nitrate	mg/m3	Every 6 months	6	0.00500	0.00917	0.02000	
Nitrite	mg/m3	Every 6 months	6	0.00500	0.00500	0.00500	
Nitrite - Nitrate	mg/m3	Every 6 months	6	0.00500	0.00917	0.02000	
pH	mg/m3	Every 6 months	6	6.60000	6.70000	6.80000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	5	0.00500	0.00500	0.00500	
Phosphorus Total	mg/m3	Every 6 months	5	0.01000	0.02800	0.05000	
Potassium	mg/m3	Every 6 months	6	17.00000	17.00000	17.00000	
Selenium	mg/m3	Every 6 months	6	0.00500	0.00500	0.00500	
silver	mg/m3	Every 6 months	5	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	6	483.00000	559.16667	586.00000	
Strontium dissolved	mg/m3	Every 6 months	4	2.17000	2.32500	2.55000	
Sulfate	mg/m3	Every 6 months	6	2240.00000	2401.66667	2600.00000	
Thalium	mg/m3	Every 6 months	5	0.00050	0.00050	0.00050	
Titanium	mg/m3	Every 6 months	5	0.00500	0.00500	0.00500	
Total Alkalinity	mg/m3	Every 6 months	6	101.00000	115.00000	133.00000	
Total Dissolved Solids	mg/m3	Every 6 months	6	4100.00000	4250.00000	4360.00000	
Total Hardness	mg/m3	Every 6 months	6	1730.00000	1800.00000	1890.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	6	0.30000	0.35000	0.40000	
Total Nitrogen	mg/m3	Every 6 months	6	0.30000	0.35000	0.40000	
Vanadium	mg/m3	Every 6 months	6	0.00500	0.00500	0.00500	
Zinc	mg/m3	Every 6 months	6	0.00250	0.00250	0.00250	

EPA Monitoring Point 32

Pollutant	Unit of measure	Sampling Frequency	Samples collected	lowest value	Mean Value	Highest Value	100th percentile concentration limits ▲
Aluminium	mg/m3	Every 6 months	9	0.00500	0.02000	0.10000	
Ammonia	mg/m3	Every 6 months	9	0.03000	0.17111	0.93000	
Antimony	mg/m3	Every 6 months	8	0.00050	0.00050	0.00050	
Arsenic III	mg/m3	Every 6 months	8	0.00025	0.00025	0.00025	
Arsenic V	mg/m3	Every 6 months	8	0.00025	0.00029	0.00060	
Barium	mg/m3	Every 6 months	9	0.00900	0.01044	0.01200	
Beryllium	mg/m3	Every 6 months	9	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	9	0.37000	0.46111	0.66000	
Cadmium	mg/m3	Every 6 months	9	0.00005	0.00005	0.00005	
Calcium	mg/m3	Every 6 months	9	271.00000	295.22222	330.00000	
Chloride	mg/m3	Every 6 months	9	751.00000	831.88889	942.00000	
Chromium III	mg/m3	Every 6 months	7	0.00500	0.00500	0.00500	
Chromium VI	mg/m3	Every 6 months	7	0.00500	0.00500	0.00500	
Cobalt	mg/m3	Every 6 months	9	0.00050	0.00083	0.00200	
Copper	mg/m3	Every 6 months	9	0.00050	0.00050	0.00050	
Electrical Conductivity	mg/m3	Every 6 months	10	8900.00000	9981.00000	10480.00000	
Iron	mg/m3	Every 6 months	9	0.02500	0.18833	0.58000	
Lead	mg/m3	Every 6 months	9	0.00050	0.00050	0.00050	
Lithium	mg/m3	Every 6 months	8	0.10500	0.12150	0.16200	
Magnesium	mg/m3	Every 6 months	9	392.00000	458.11111	512.00000	
Manganese	mg/m3	Every 6 months	9	0.04800	0.12700	0.28800	
Mercury	mg/m3	Every 6 months	9	0.00002	0.00005	0.00005	
Molybdenum	mg/m3	Every 6 months	9	0.00200	0.00211	0.00300	
Nickel	mg/m3	Every 6 months	9	0.00300	0.00444	0.00600	
Nitrate	mg/m3	Every 6 months	9	0.00500	0.00500	0.00500	
Nitrite	mg/m3	Every 6 months	9	0.00500	0.00500	0.00500	
Nitrite - Nitrate	mg/m3	Every 6 months	9	0.00500	0.00500	0.00500	
pH	mg/m3	Every 6 months	10	7.20000	7.25700	7.30000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	8	0.00500	0.01000	0.02000	
Phosphorus Total	mg/m3	Every 6 months	7	0.01000	0.02571	0.04000	
Potassium	mg/m3	Every 6 months	9	8.00000	9.88889	15.00000	
Selenium	mg/m3	Every 6 months	9	0.00500	0.00500	0.00500	
silver	mg/m3	Every 6 months	8	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	9	1500.00000	1746.66667	2040.00000	
Strontium dissolved	mg/m3	Every 6 months	5	5.20000	5.60000	6.61000	
Sulfate	mg/m3	Every 6 months	9	4240.00000	4597.77778	4990.00000	
Thalium	mg/m3	Every 6 months	8	0.00050	0.00050	0.00050	
Titanium	mg/m3	Every 6 months	8	0.00500	0.00500	0.00500	
Total Alkalinity	mg/m3	Every 6 months	9	450.00000	480.11111	516.00000	
Total Dissolved Solids	mg/m3	Every 6 months	9	8680.00000	9008.88889	9640.00000	
Total Hardness	mg/m3	Every 6 months	9	2320.00000	2622.22222	2930.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	9	0.05000	0.26667	1.00000	
Total Nitrogen	mg/m3	Every 6 months	9	0.05000	0.26667	1.00000	
Vanadium	mg/m3	Every 6 months	9	0.00500	0.00500	0.00500	
Zinc	mg/m3	Every 6 months	9	0.00250	0.00250	0.00250	

EPA Monitoring Point 33

Pollutant	Unit of measure	Sampling Frequency	Samples collected	lowest value	Mean Value	Highest Value	100th percentile concentration limits ▲
Aluminium	mg/m3	Every 6 months	9	0.00500	0.99222	7.37000	
Ammonia	mg/m3	Every 6 months	9	0.00500	0.08278	0.26000	
Antimony	mg/m3	Every 6 months	8	0.00050	0.00050	0.00050	
Arsenic III	mg/m3	Every 6 months	8	0.00025	0.00032	0.00080	
Arsenic V	mg/m3	Every 6 months	8	0.00025	0.00025	0.00025	
Barium	mg/m3	Every 6 months	9	0.01900	0.03133	0.08800	
Beryllium	mg/m3	Every 6 months	9	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	9	0.18000	0.25556	0.38000	
Cadmium	mg/m3	Every 6 months	9	0.00005	0.00008	0.00020	
Calcium	mg/m3	Every 6 months	9	164.00000	183.44444	194.00000	
Chloride	mg/m3	Every 6 months	9	2860.00000	3084.44444	3270.00000	
Chromium III	mg/m3	Every 6 months	7	0.00500	0.00500	0.00500	
Chromium VI	mg/m3	Every 6 months	7	0.00500	0.00500	0.00500	
Cobalt	mg/m3	Every 6 months	9	0.00050	0.00089	0.00400	
Copper	mg/m3	Every 6 months	9	0.00050	0.00256	0.01200	
Electrical Conductivity	mg/m3	Every 6 months	10	10130.00000	11148.00000	11980.00000	
Iron	mg/m3	Every 6 months	9	0.02500	1.29444	9.27000	
Lead	mg/m3	Every 6 months	9	0.00050	0.00561	0.03400	
Lithium	mg/m3	Every 6 months	8	0.25800	0.30238	0.39600	
Magnesium	mg/m3	Every 6 months	9	236.00000	267.88889	310.00000	
Manganese	mg/m3	Every 6 months	9	0.00200	0.05056	0.16400	
Mercury	mg/m3	Every 6 months	9	0.00002	0.00005	0.00005	
Molybdenum	mg/m3	Every 6 months	9	0.00200	0.00289	0.00300	
Nickel	mg/m3	Every 6 months	9	0.00400	0.00556	0.01300	
Nitrate	mg/m3	Every 6 months	9	0.00500	0.23833	0.44000	
Nitrite	mg/m3	Every 6 months	9	0.00500	0.00500	0.00500	
Nitrite - Nitrate	mg/m3	Every 6 months	9	0.00500	0.23833	0.44000	
pH	mg/m3	Every 6 months	10	6.90000	6.99000	7.20000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	8	0.00500	0.00938	0.04000	
Phosphorus Total	mg/m3	Every 6 months	7	0.00500	0.06643	0.17000	
Potassium	mg/m3	Every 6 months	9	20.00000	22.55556	25.00000	
Selenium	mg/m3	Every 6 months	9	0.00500	0.00500	0.00500	
silver	mg/m3	Every 6 months	8	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	9	1830.00000	2012.22222	2150.00000	
Strontium dissolved	mg/m3	Every 6 months	5	2.91000	3.18600	3.46000	
Sulfate	mg/m3	Every 6 months	9	687.00000	877.00000	986.00000	
Thalium	mg/m3	Every 6 months	8	0.00050	0.00050	0.00050	
Titanium	mg/m3	Every 6 months	8	0.00500	0.02000	0.11000	
Total Alkalinity	mg/m3	Every 6 months	9	800.00000	853.22222	895.00000	
Total Dissolved Solids	mg/m3	Every 6 months	9	6910.00000	7184.44444	7860.00000	
Total Hardness	mg/m3	Every 6 months	9	1380.00000	1558.88889	1760.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	9	0.05000	0.35000	1.10000	
Total Nitrogen	mg/m3	Every 6 months	9	0.30000	0.55556	1.50000	
Vanadium	mg/m3	Every 6 months	9	0.00500	0.00667	0.02000	
Zinc	mg/m3	Every 6 months	9	0.00250	0.01000	0.03600	

EPA Monitoring Point 34

Pollutant	Unit of measure	Sampling Frequency	Samples collected	lowest value	Mean Value	Highest Value	100th percentile concentration limits ▲
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	mg/m3	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

Ash Dam South 3

Pollutant	Unit of measure	Sampling Frequency	Samples collected	lowest value	Mean Value	Highest Value	100th percentile concentration limits ▲
Aluminium	mg/m3	Every 6 months	9	0.00500	2.20778	11.10000	
Ammonia	mg/m3	Every 6 months	9	0.00500	0.04722	0.09000	
Antimony	mg/m3	Every 6 months	8	0.00050	0.00050	0.00050	
Arsenic III	mg/m3	Every 6 months	8	0.00025	0.00032	0.00080	
Arsenic V	mg/m3	Every 6 months	8	0.00025	0.00088	0.00490	
Barium	mg/m3	Every 6 months	9	0.00900	0.03611	0.14900	
Beryllium	mg/m3	Every 6 months	9	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	9	1.84000	2.06000	2.50000	
Cadmium	mg/m3	Every 6 months	9	0.00005	0.00016	0.00060	
Calcium	mg/m3	Every 6 months	9	437.00000	513.22222	546.00000	
Chloride	mg/m3	Every 6 months	9	702.00000	788.55556	912.00000	
Chromium III	mg/m3	Every 6 months	7	0.00500	0.00500	0.00500	
Chromium VI	mg/m3	Every 6 months	7	0.00500	0.00500	0.00500	
Cobalt	mg/m3	Every 6 months	9	0.00400	0.00733	0.01800	
Copper	mg/m3	Every 6 months	9	0.00050	0.00522	0.02600	
Electrical Conductivity	mg/m3	Every 6 months	7	6220.00000	6820.00000	7060.00000	
Iron	mg/m3	Every 6 months	9	0.09000	3.72111	17.40000	
Lead	mg/m3	Every 6 months	9	0.00050	0.00378	0.01500	
Lithium	mg/m3	Every 6 months	8	0.23200	0.26463	0.31100	
Magnesium	mg/m3	Every 6 months	9	326.00000	343.00000	362.00000	
Manganese	mg/m3	Every 6 months	9	0.20700	0.35500	0.72100	
Mercury	mg/m3	Every 6 months	9	0.00002	0.00005	0.00005	
Molybdenum	mg/m3	Every 6 months	9	0.00050	0.00150	0.00300	
Nickel	mg/m3	Every 6 months	9	0.00900	0.01267	0.02100	
Nitrate	mg/m3	Every 6 months	9	0.00500	0.03556	0.12000	
Nitrite	mg/m3	Every 6 months	9	0.00500	0.00556	0.01000	
Nitrite - Nitrate	mg/m3	Every 6 months	9	0.00500	0.03667	0.12000	
pH	mg/m3	Every 6 months	10	6.40000	6.47000	6.60000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	8	0.00500	0.02563	0.05000	
Phosphorus Total	mg/m3	Every 6 months	7	0.05000	0.13286	0.36000	
Potassium	mg/m3	Every 6 months	9	11.00000	13.88889	15.00000	
Selenium	mg/m3	Every 6 months	9	0.00500	0.00500	0.00500	
silver	mg/m3	Every 6 months	8	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	9	763.00000	793.77778	852.00000	
Strontium dissolved	mg/m3	Every 6 months	5	3.35000	3.54000	3.84000	
Sulfate	mg/m3	Every 6 months	9	2970.00000	3165.55556	3350.00000	
Thalium	mg/m3	Every 6 months	8	0.00050	0.00050	0.00050	
Titanium	mg/m3	Every 6 months	8	0.00500	0.02375	0.10000	
Total Alkalinity	mg/m3	Every 6 months	9	178.00000	205.22222	227.00000	
Total Dissolved Solids	mg/m3	Every 6 months	9	4670.00000	6076.66667	7050.00000	
Total Hardness	mg/m3	Every 6 months	9	2430.00000	2691.11111	2810.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	9	0.05000	0.28333	0.60000	
Total Nitrogen	mg/m3	Every 6 months	9	0.05000	0.30556	0.70000	
Vanadium	mg/m3	Every 6 months	9	0.00500	0.00944	0.03000	
Zinc	mg/m3	Every 6 months	9	0.00250	0.01539	0.04400	

EPA Monitoring Point 36

Pollutant	Unit of measure	Sampling Frequency	Samples collected	lowest value	Mean Value	Highest Value	100th percentile concentration limits ▲
Aluminium	mg/m3	Every 6 months	6	0.05000	2.61333	14.60000	
Ammonia	mg/m3	Every 6 months	6	5.68000	6.79167	7.90000	
Antimony	mg/m3	Every 6 months	5	0.00050	0.00810	0.02500	
Arsenic III	mg/m3	Every 6 months	5	0.00025	0.00135	0.00200	
Arsenic V	mg/m3	Every 6 months	5	0.00025	0.00130	0.00200	
Barium	mg/m3	Every 6 months	6	0.04000	0.05383	0.07000	
Beryllium	mg/m3	Every 6 months	6	0.00050	0.00425	0.00500	
Boron	mg/m3	Every 6 months	6	0.14000	0.48167	1.16000	
Cadmium	mg/m3	Every 6 months	6	0.00005	0.00043	0.00050	
Calcium	mg/m3	Every 6 months	6	46.00000	59.00000	76.00000	
Chloride	mg/m3	Every 6 months	6	5270.00000	6953.33333	7920.00000	
Chromium III	mg/m3	Every 6 months	5	0.00500	0.00600	0.01000	
Chromium VI	mg/m3	Every 6 months	5	0.00500	0.00500	0.00500	
Cobalt	mg/m3	Every 6 months	6	0.00050	0.00425	0.00500	
Copper	mg/m3	Every 6 months	6	0.00100	0.00433	0.00500	
Electrical Conductivity	mg/m3	Every 6 months	8	24200.00000	26187.50000	27800.00000	
Iron	mg/m3	Every 6 months	6	0.05000	1.37667	5.15000	
Lead	mg/m3	Every 6 months	6	0.00200	0.00450	0.00500	
Lithium	mg/m3	Every 6 months	5	1.31000	1.80400	2.11000	
Magnesium	mg/m3	Every 6 months	6	41.00000	57.00000	94.00000	
Manganese	mg/m3	Every 6 months	6	0.02700	0.06600	0.10700	
Mercury	mg/m3	Every 6 months	6	0.00002	0.00005	0.00005	
Molybdenum	mg/m3	Every 6 months	6	0.00050	0.00692	0.02100	
Nickel	mg/m3	Every 6 months	6	0.00500	0.00533	0.00700	
Nitrate	mg/m3	Every 6 months	6	0.00500	0.01750	0.03000	
Nitrite	mg/m3	Every 6 months	6	0.00500	0.03667	0.15000	
Nitrite - Nitrate	mg/m3	Every 6 months	6	0.00500	0.05250	0.18000	
pH	mg/m3	Every 6 months	8	7.50000	7.63750	7.70000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	5	0.02000	0.05000	0.07000	
Phosphorus Total	mg/m3	Every 6 months	4	0.10000	0.19000	0.27000	
Potassium	mg/m3	Every 6 months	6	20.00000	22.66667	27.00000	
Selenium	mg/m3	Every 6 months	6	0.00500	0.04250	0.05000	
silver	mg/m3	Every 6 months	5	0.00050	0.00410	0.00500	
Sodium	mg/m3	Every 6 months	6	6160.00000	6571.66667	7180.00000	
Strontium dissolved	mg/m3	Every 6 months	3	5.27000	5.69333	5.99000	
Sulfate	mg/m3	Every 6 months	6	2640.00000	3331.66667	3640.00000	
Thalium	mg/m3	Every 6 months	5	0.00050	0.00410	0.00500	
Titanium	mg/m3	Every 6 months	5	0.00500	0.04100	0.05000	
Total Alkalinity	mg/m3	Every 6 months	6	1170.00000	1351.66667	1450.00000	
Total Dissolved Solids	mg/m3	Every 6 months	6	14200.00000	17816.66667	20900.00000	
Total Hardness	mg/m3	Every 6 months	6	290.00000	382.00000	577.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	6	5.60000	7.80000	10.70000	
Total Nitrogen	mg/m3	Every 6 months	6	5.70000	7.85000	10.70000	
Vanadium	mg/m3	Every 6 months	6	0.00500	0.04250	0.05000	
Zinc	mg/m3	Every 6 months	6	0.02000	0.02500	0.02600	

EPA Monitoring Point 37

Pollutant	Unit of measure	Sampling Frequency	Samples collected	lowest value	Mean Value	Highest Value	100th percentile concentration limits ▲
Aluminium	mg/m3	Every 6 months	6	0.44000	0.47667	0.53000	
Ammonia	mg/m3	Every 6 months	6	0.04000	0.14333	0.26000	
Antimony	mg/m3	Every 6 months	5	0.00050	0.00050	0.00050	
Arsenic III	mg/m3	Every 6 months	5	0.00025	0.00025	0.00025	
Arsenic V	mg/m3	Every 6 months	5	0.00025	0.00025	0.00025	
Barium	mg/m3	Every 6 months	6	0.01000	0.01167	0.01300	
Beryllium	mg/m3	Every 6 months	6	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	6	1.48000	1.61500	1.83000	
Cadmium	mg/m3	Every 6 months	6	0.00200	0.00227	0.00240	
Calcium	mg/m3	Every 6 months	6	455.00000	479.33333	498.00000	
Chloride	mg/m3	Every 6 months	6	915.00000	1009.83333	1160.00000	
Chromium III	mg/m3	Every 6 months	5	0.00500	0.00500	0.00500	
Chromium VI	mg/m3	Every 6 months	5	0.00500	0.00500	0.00500	
Cobalt	mg/m3	Every 6 months	6	0.10200	0.10750	0.11600	
Copper	mg/m3	Every 6 months	6	0.00050	0.00075	0.00200	
Electrical Conductivity	mg/m3	Every 6 months	8	8720.00000	8886.87500	9235.00000	
Iron	mg/m3	Every 6 months	6	0.02500	0.04417	0.07000	
Lead	mg/m3	Every 6 months	6	0.00050	0.00050	0.00050	
Lithium	mg/m3	Every 6 months	5	0.52100	0.59620	0.68100	
Magnesium	mg/m3	Every 6 months	6	388.00000	400.66667	416.00000	
Manganese	mg/m3	Every 6 months	6	3.80000	3.95333	4.03000	
Mercury	mg/m3	Every 6 months	6	0.00002	0.00005	0.00005	
Molybdenum	mg/m3	Every 6 months	6	0.00050	0.00050	0.00050	
Nickel	mg/m3	Every 6 months	6	0.27500	0.28983	0.31000	
Nitrate	mg/m3	Every 6 months	6	0.00500	0.00583	0.01000	
Nitrite	mg/m3	Every 6 months	6	0.00500	0.00500	0.00500	
Nitrite - Nitrate	mg/m3	Every 6 months	6	0.00500	0.00583	0.01000	
pH	mg/m3	Every 6 months	8	5.40000	5.42500	5.50000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	5	0.06000	0.07000	0.08000	
Phosphorus Total	mg/m3	Every 6 months	4	0.06000	0.08500	0.10000	
Potassium	mg/m3	Every 6 months	6	44.00000	46.00000	51.00000	
Selenium	mg/m3	Every 6 months	6	0.00500	0.00500	0.00500	
silver	mg/m3	Every 6 months	5	0.00050	0.00080	0.00200	
Sodium	mg/m3	Every 6 months	6	1300.00000	1325.00000	1370.00000	
Strontium dissolved	mg/m3	Every 6 months	3	2.20000	2.35333	2.50000	
Sulfate	mg/m3	Every 6 months	6	3960.00000	4198.33333	4300.00000	
Thalium	mg/m3	Every 6 months	5	0.00050	0.00050	0.00050	
Titanium	mg/m3	Every 6 months	5	0.00500	0.00500	0.00500	
Total Alkalinity	mg/m3	Every 6 months	6	37.00000	40.33333	46.00000	
Total Dissolved Solids	mg/m3	Every 6 months	6	7510.00000	8020.00000	8420.00000	
Total Hardness	mg/m3	Every 6 months	6	2750.00000	2845.00000	2960.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	6	0.40000	0.46667	0.60000	
Total Nitrogen	mg/m3	Every 6 months	6	0.40000	0.46667	0.60000	
Vanadium	mg/m3	Every 6 months	6	0.00500	0.00500	0.00500	
Zinc	mg/m3	Every 6 months	6	0.10800	0.12100	0.13900	

EPA Monitoring Point 38

Pollutant	Unit of measure	Sampling Frequency	Samples collected	lowest value	Mean Value	Highest Value	100th percentile concentration limits
Aluminium	mg/m3	Every 6 months	5	0.00500	0.03300	0.05000	
Ammonia	mg/m3	Every 6 months	5	0.14000	0.26400	0.50000	
Antimony	mg/m3	Every 6 months	5	0.00050	0.00050	0.00050	
Arsenic III	mg/m3	Every 6 months	5	0.00025	0.00025	0.00025	
Arsenic V	mg/m3	Every 6 months	5	0.00025	0.00025	0.00025	
Barium	mg/m3	Every 6 months	5	0.01500	0.01580	0.01700	
Beryllium	mg/m3	Every 6 months	5	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	5	0.95000	0.99600	1.08000	
Cadmium	mg/m3	Every 6 months	5	0.00005	0.00005	0.00005	
Calcium	mg/m3	Every 6 months	5	565.00000	574.20000	580.00000	
Chloride	mg/m3	Every 6 months	5	331.00000	397.60000	586.00000	
Chromium III	mg/m3	Every 6 months	5	0.00500	0.00500	0.00500	
Chromium VI	mg/m3	Every 6 months	5	0.00500	0.00500	0.00500	
Cobalt	mg/m3	Every 6 months	5	0.00050	0.00060	0.00100	
Copper	mg/m3	Every 6 months	5	0.00050	0.00220	0.00900	
Electrical Conductivity	mg/m3	Every 6 months	7	4860.00000	5030.00000	5230.00000	
Iron	mg/m3	Every 6 months	5	0.13000	0.20400	0.29000	
Lead	mg/m3	Every 6 months	5	0.00050	0.00050	0.00050	
Lithium	mg/m3	Every 6 months	5	0.20800	0.23780	0.26900	
Magnesium	mg/m3	Every 6 months	5	166.00000	184.20000	222.00000	
Manganese	mg/m3	Every 6 months	5	1.49000	1.61200	1.76000	
Mercury	mg/m3	Every 6 months	5	0.00005	0.00005	0.00005	
Molybdenum	mg/m3	Every 6 months	5	0.00050	0.00050	0.00050	
Nickel	mg/m3	Every 6 months	5	0.00200	0.00320	0.00500	
Nitrate	mg/m3	Every 6 months	5	0.00500	0.00600	0.01000	
Nitrite	mg/m3	Every 6 months	5	0.00500	0.00500	0.00500	
Nitrite - Nitrate	mg/m3	Every 6 months	5	0.00500	0.00600	0.01000	
pH	mg/m3	Every 6 months	7	6.90000	7.01429	7.20000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	5	0.00500	0.00500	0.00500	
Phosphorus Total	mg/m3	Every 6 months	4	0.00500	0.03625	0.07000	
Potassium	mg/m3	Every 6 months	5	16.00000	18.20000	23.00000	
Selenium	mg/m3	Every 6 months	5	0.00500	0.00500	0.00500	
silver	mg/m3	Every 6 months	5	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	5	458.00000	512.00000	642.00000	
Strontium dissolved	mg/m3	Every 6 months	3	2.36000	2.60333	2.77000	
Sulfate	mg/m3	Every 6 months	5	2160.00000	2322.00000	2440.00000	
Thalium	mg/m3	Every 6 months	5	0.00050	0.00050	0.00050	
Titanium	mg/m3	Every 6 months	5	0.00500	0.00500	0.00500	
Total Alkalinity	mg/m3	Every 6 months	5	553.00000	585.60000	604.00000	
Total Dissolved Solids	mg/m3	Every 6 months	5	3980.00000	4450.00000	5150.00000	
Total Hardness	mg/m3	Every 6 months	5	2130.00000	2192.00000	2340.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	5	0.30000	0.36000	0.50000	
Total Nitrogen	mg/m3	Every 6 months	5	0.30000	0.36000	0.50000	
Vanadium	mg/m3	Every 6 months	5	0.00500	0.00500	0.00500	
Zinc	mg/m3	Every 6 months	5	0.00250	0.00250	0.00250	

Details of Non-Compliance with Licence Conditions	Start Time	Summary of particulars of the non-compliance (NO MORE THAN 50 WORDS)	If required, further details on particulars of non-compliance	Date(s) when the non-compliance occurred, if applicable	Cause of non-compliance	Mitigation	Action taken or that will be taken to prevent a
	8/08/2024 1:00:00 AM	At approximately 1:00 pm on 8 August 2024, during a routine daily round inspection, an Ash Management Team operator identified that water containing suspended ash was being discharged into Chilcotts Creek from a pipeline located under a culvert in Chilcotts Creek. Based on the timing of daily routine inspections the duration of the Event was no more 24 hours.		08/08/2024		AGLM completed cleanup works as per the EPA's direction.	

No incidents for the last month