



Start Of Month	EndDate
01-Apr-25 12:00:00 AM	01-May-25 12:00:00 AM

Monthly Data Summary

AGL Macquarie - Bayswater Power Station

Environmental Protection License: EPL779

EPA Monitoring Point 3



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%	187.89	577.81	899.51	1500 mg/m3
SO2	mg/m3	Continuous when generating	100.00%	884.17	1,086.41	1,271.67	1700 mg/m3

Start Of Month	EndDate
01-Apr-25 12:00:00 AM	01-May-25 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	18/02/2025 07:48:00	0.00027	0.03 mg/m3
Chlorine	mg/m3	Every 6 months	18/02/2025 12:20:00	0.02500	4 mg/m3
Fluorine	mg/m3	Every 6 months	18/02/2025 12:20:00	3.80000	30 mg/m3
Hydrogen Chloride	mg/m3	Every 6 months	18/02/2025 12:20:00	5.90000	50 mg/m3
Mercury	mg/m3	Every 6 months	18/02/2025 07:48:00	0.00160	0.03 mg/m3
Solid Particles	mg/m3	Quarterly	18/02/2025 07:48:00	17.00000	50 mg/m3
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months	18/02/2025 10:12:00	4.60000	100 mg/m3
Type 1&2 Substances	mg/m3	Every 6 months	18/02/2025 07:48:00	0.03000	0.6 mg/m3
Volatile Organic Compounds	mg/m3	Every 6 months	18/02/2025 10:16:00	0.04000	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	98.95%	276.13	591.19	733.46	1500 mg/m3
SO2	mg/m3	Continuous when generating	98.95%	970.50	1,165.52	1,326.03	1700 mg/m3

Start Of Month	EndDate
01-Apr-25 12:00:00 AM	01-May-25 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	20/02/2025 07:54:00	0.00027	0.03 mg/m3
Chlorine	mg/m3	Every 6 months	20/02/2025 11:22:00	0.02000	4 mg/m3
Fluorine	mg/m3	Every 6 months	20/02/2025 11:22:00	3.80000	30 mg/m3
Hydrogen Chloride	mg/m3	Every 6 months	20/02/2025 11:22:00	4.50000	50 mg/m3
Mercury	mg/m3	Every 6 months	20/02/2025 07:54:00	0.00520	0.03 mg/m3
Solid Particles	mg/m3	Quarterly	20/02/2025 07:54:00	4.80000	50 mg/m3
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months	20/02/2025 09:22:00	5.50000	100 mg/m3
Type 1&2 Substances	mg/m3	Every 6 months	20/02/2025 07:54:00	0.05000	0.6 mg/m3
Volatile Organic Compounds	mg/m3	Every 6 months	20/02/2025 09:30:00	0.04000	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%	259.52	785.61	1,070.44	1500 mg/m3
SO2	mg/m3	Continuous when generating	100.00%	690.32	1,198.85	1,395.14	1700 mg/m3

Start Of Month	EndDate
01-Apr-25 12:00:00 AM	01-May-25 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	19/02/2025 07:24:00	0.00020	0.03 mg/m3
Chlorine	mg/m3	Every 6 months	19/02/2025 11:40:00	0.02000	4 mg/m3
Fluorine	mg/m3	Every 6 months	19/02/2025 11:40:00	6.50000	30 mg/m3
Hydrogen Chloride	mg/m3	Every 6 months	19/02/2025 11:40:00	7.80000	50 mg/m3
Mercury	mg/m3	Every 6 months	19/02/2025 07:24:00	0.00370	0.03 mg/m3
Solid Particles	mg/m3	Quarterly	19/02/2025 07:24:00	3.90000	50 mg/m3
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months	19/02/2025 09:30:00	3.10000	100 mg/m3
Type 1&2 Substances	mg/m3	Every 6 months	19/02/2025 07:24:00	0.05000	0.6 mg/m3
Volatile Organic Compounds	mg/m3	Every 6 months	19/02/2025 09:46:00	0.04000	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	100.00%	237.72	758.32	965.38	1500 mg/m3
SO2	mg/m3	Continuous when generating	100.00%	779.57	1,130.25	1,387.20	1700 mg/m3

Start Of Month	EndDate
01-Apr-25 12:00:00 AM	01-May-25 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	21/02/2025 08:06:00	0.00015	0.03 mg/m3
Chlorine	mg/m3	Every 6 months	21/02/2025 11:34:00	0.16000	4 mg/m3
Fluorine	mg/m3	Every 6 months	21/02/2025 11:34:00	5.50000	30 mg/m3
Hydrogen Chloride	mg/m3	Every 6 months	21/02/2025 11:34:00	6.40000	50 mg/m3
Mercury	mg/m3	Every 6 months	21/02/2025 08:06:00	0.00350	0.03 mg/m3
Solid Particles	mg/m3	Quarterly	21/02/2025 08:06:00	8.30000	50 mg/m3
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months	21/02/2025 09:34:00	3.10000	100 mg/m3
Type 1&2 Substances	mg/m3	Every 6 months	21/02/2025 08:06:00	0.04000	0.6 mg/m3
Volatile Organic Compounds	mg/m3	Every 6 months	21/02/2025 09:45:00	0.03500	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	94.97%	159.54	562.13	864.75
SO2	mg/m3	Continuous when generating	94.97%	793.47	1,057.05	1,246.77

Start Of Month	EndDate
01-Apr-25 12:00:00 AM	01-May-25 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	4	18/02/2025 07:48:00	0.00026
Chlorine	mg/m3	Every 6 months	3	18/02/2025 12:20:00	0.02500
CO2	%	Every 6 months	13	18/02/2025 12:20:00	10.20000
Fluorine	mg/m3	Every 6 months	3	18/02/2025 12:20:00	3.80000
Hydrogen Chloride	mg/m3	Every 6 months	3	18/02/2025 12:20:00	5.90000
Mercury	mg/m3	Every 6 months	4	18/02/2025 07:48:00	0.00220
Solid Particles	mg/m3	Quarterly	6	18/02/2025 07:48:00	25.00000
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months	2	18/02/2025 10:12:00	4.60000
Type 1&2 Substances	mg/m3	Every 6 months	4	18/02/2025 07:48:00	0.02250
Volatile Organic Compounds	mg/m3	Every 6 months	3	18/02/2025 10:16:00	0.04000

EPA Monitoring Point 8



Start Of Month	EndDate
01-Apr-25 12:00:00 AM	01-May-25 12:00:00 AM

Pollutant	Unit of measure	Sampling Frequency	Sampling Performance	Lowest value	Mean Values	Highest value
NOx	mg/m3	Continuous when generating	100.00%	220.38	595.20	990.65
SO2	mg/m3	Continuous when generating	100.00%	892.40	1,112.50	1,295.73

Pollutant	Unit of measure	Sampling Frequency	Count (12 Months)	Date of Last Sample	Latest Value
Cadmium	mg/m3	Every 6 months	4	18/02/2025 08:42:00	0.00028
CO2	%	Every 6 months	8	18/02/2025 08:42:00	10.20000
Mercury	mg/m3	Every 6 months	4	18/02/2025 08:42:00	0.00096
Solid Particles	mg/m3	Quarterly	6	18/02/2025 08:42:00	9.70000
Type 1&2 Substances	mg/m3	Every 6 months	4	18/02/2025 08:42:00	0.04050

EPA Monitoring Point 9



Pollutant	Unit of measure	Sampling Frequency	Sampling Performance	Lowest value	Mean Values	Highest value
NOx	mg/m3	Continuous when generating	98.95%	251.85	603.40	745.30
SO2	mg/m3	Continuous when generating	98.95%	975.83	1,169.91	1,346.42

Start Of Month	EndDate
01-Apr-25 12:00:00 AM	01-May-25 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	3	20/02/2025 07:54:00	0.00037
CO2	%	Every 6 months	4	20/02/2025 07:54:00	11.90000
Mercury	mg/m3	Every 6 months	3	20/02/2025 07:54:00	0.00440
Solid Particles	mg/m3	Quarterly	4	20/02/2025 07:54:00	3.80000
Type 1&2 Substances	mg/m3	Every 6 months	3	20/02/2025 07:54:00	0.06000

EPA Monitoring Point 10



Start Of Month	EndDate
01-Apr-25 12:00:00 AM	01-May-25 12:00:00 AM

Pollutant	Unit of measure	Sampling Frequency	Sampling Performance	Lowest value	Mean Values	Highest value
NOx	mg/m3	Continuous when generating	98.95%	300.26	580.09	727.15
SO2	mg/m3	Continuous when generating	97.89%	950.42	1,164.42	1,376.78

Pollutant	Unit of measure	Sampling Frequency	Count (12 Months)	Date of Last Sample	Latest Value
Antimony	mg/m3	Every 6 months	3	20/02/2025 07:16:00	0.00250
Cadmium	mg/m3	Every 6 months	3	20/02/2025 07:16:00	0.00019
Chlorine	mg/m3	Every 6 months	3	20/02/2025 11:22:00	0.02000
CO2	%	Every 6 months	10	20/02/2025 11:22:00	10.60000
Fluorine	mg/m3	Every 6 months	3	20/02/2025 11:22:00	3.80000
Hydrogen Chloride	mg/m3	Every 6 months	3	20/02/2025 11:22:00	4.50000
Mercury	mg/m3	Every 6 months	3	20/02/2025 07:16:00	0.00590
Solid Particles	mg/m3	Quarterly	4	20/02/2025 07:16:00	5.50000
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months	3	20/02/2025 09:22:00	5.50000
Type 1&2 Substances	mg/m3	Every 6 months	3	20/02/2025 07:16:00	0.06500
Volatile Organic Compounds	mg/m3	Every 6 months	3	20/02/2025 09:30:00	0.04000

EPA Monitoring Point 11



Start Of Month	EndDate
01-Apr-25 12:00:00 AM	01-May-25 12:00:00 AM

Pollutant	Unit of measure	Sampling Frequency	Sampling Performance	Lowest value	Mean Values	Highest value
NOx	mg/m3	Continuous when generating	100.00%	170.14	805.18	1,151.35
SO2	mg/m3	Continuous when generating	100.00%	261.61	1,265.25	1,480.79

Pollutant	Unit of measure	Sampling Frequency	Count (12 Months)	Date of Last Sample	Latest Value
Cadmium	mg/m3	Every 6 months	4	19/02/2025 07:24:00	0.00015
Chlorine	mg/m3	Every 6 months	3	19/02/2025 11:40:00	0.02000
CO2	%	Every 6 months	12	19/02/2025 11:40:00	10.70000
Fluorine	mg/m3	Every 6 months	3	19/02/2025 11:40:00	6.50000
Hydrogen Chloride	mg/m3	Every 6 months	3	19/02/2025 11:40:00	7.80000
Mercury	mg/m3	Every 6 months	4	19/02/2025 07:24:00	0.00500
Solid Particles	mg/m3	Quarterly	5	19/02/2025 07:24:00	4.40000
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months	3	19/02/2025 09:30:00	3.10000
Type 1&2 Substances	mg/m3	Every 6 months	4	19/02/2025 07:24:00	0.02300
Volatile Organic Compounds	mg/m3	Every 6 months	3	19/02/2025 09:46:00	0.04000

EPA Monitoring Point 12



Start Of Month	EndDate
01-Apr-25 12:00:00 AM	01-May-25 12:00:00 AM

Pollutant	Unit of measure	Sampling Frequency	Sampling Performance	Lowest value	Mean Values	Highest value
NOx	mg/m3	Continuous when generating	100.00%	402.19	765.84	1,047.37
SO2	mg/m3	Continuous when generating	100.00%	672.97	1,133.00	1,357.65

Pollutant	Unit of measure	Sampling Frequency	Count (12 Months)	Date of Last Sample	Latest Value
Cadmium	mg/m3	Every 6 months	4	19/02/2025 08:05:00	0.00052
CO2	%	Every 6 months	6	19/02/2025 08:05:00	9.80000
Mercury	mg/m3	Every 6 months	4	19/02/2025 08:05:00	0.00250
Solid Particles	mg/m3	Quarterly	5	19/02/2025 08:05:00	3.50000
Type 1&2 Substances	mg/m3	Every 6 months	4	19/02/2025 08:05:00	0.06500

EPA Monitoring Point 13



Pollutant	Unit of measure	Sampling Frequency	Sampling Performance	Lowest value	Mean Values	Highest value
NOx	mg/m3	Continuous when generating	99.67%	206.06	742.01	934.87
SO2	mg/m3	Continuous when generating	100.00%	763.68	1,114.92	1,377.77

Start Of Month	EndDate
01-Apr-25 12:00:00 AM	01-May-25 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	4	21/02/2025 08:06:00	0.00039
CO2	%	Every 6 months	6	21/02/2025 08:06:00	10.30000
Mercury	mg/m3	Every 6 months	4	21/02/2025 08:06:00	0.00320
Solid Particles	mg/m3	Quarterly	5	21/02/2025 08:06:00	6.30000
Type 1&2 Substances	mg/m3	Every 6 months	4	21/02/2025 08:06:00	0.05500

EPA Monitoring Point 14



Start Of Month	EndDate
01-Apr-25 12:00:00 AM	01-May-25 12:00:00 AM

Pollutant	Unit of measure	Sampling Frequency	Sampling Performance	Lowest value	Mean Values	Highest value
NOx	mg/m3	Continuous when generating	100.00%	269.73	776.39	994.60
SO2	mg/m3	Continuous when generating	100.00%	785.62	1,145.13	1,397.79

Pollutant	Unit of measure	Sampling Frequency	Count (12 Months)	Date of Last Sample	Latest measurement
Cadmium	mg/m3	Every 6 months	4	21/02/2025 07:34:00	0.00010
Chlorine	mg/m3	Every 6 months	3	21/02/2025 11:34:00	0.16000
CO2	%	Every 6 months	12	21/02/2025 11:34:00	10.50000
Fine Particulates PM10	mg/m3	Every 6 months	1	11/10/2024 10:34:00	6.30000
Fluorine	mg/m3	Every 6 months	3	21/02/2025 11:34:00	5.50000
Hydrogen Chloride	mg/m3	Every 6 months	3	21/02/2025 11:34:00	6.40000
Mercury	mg/m3	Every 6 months	4	21/02/2025 07:34:00	0.00370
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months	3	21/02/2025 09:34:00	3.10000
Type 1&2 Substances	mg/m3	Every 6 months	4	21/02/2025 07:34:00	0.02750
Volatile Organic Compounds	mg/m3	Every 6 months	3	21/02/2025 09:45:00	0.03500



EPA Monitoring Point 19

Start Of Month	EndDate
01-Apr-25 12:00:00 AM	01-May-25 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%	8640	0.00000	3060.77396	4178.00000	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%	8644	7.32000	8.19774	8.73000	9 pH units
Pollutant	Unit of measure	Sampling Frequency	Month Count Measure	Month Sum Measure			100th percentile concentration limits	
Volume	ML/d	Daily	31	244.00			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	5.37500	8.00000	30 mg/L
Volume	kL/d	Daily	31	387.04593	1068.75672	1849.25305	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				
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				



Start Of Month	EndDate▼
01-Apr-25 12:00:00 AM	01-May-25 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	31	3.60511	20.25604	59.37081	

Start Of Month	EndDate
01-Apr-25 12:00:00 AM	01-May-25 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	0.00%	0.09247	4.01843	115.26279	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	1	2.64000	2.64000	2.64000	0.81 mg/L
Cadmium	mg/L	Weekly during discharge	1	0.00005	0.00005	0.00005	0.2 mg/L
Conductivity	uS/cm	Continuous during discharge	1	8030.00000	8030.00000	8030.00000	
Copper	mg/L	Weekly during discharge	1	0.00050	0.00050	0.00050	0.001 mg/L
Iron	mg/L	Weekly during discharge	1	0.08000	0.08000	0.08000	0.27 mg/L
Molybdenum	mg/L	Weekly during discharge	1	0.13000	0.13000	0.13000	0.29 mg/L
Nickel	mg/L	Weekly during discharge	1	0.00700	0.00700	0.00700	0.019 mg/L
pH	pH units	Weekly during discharge	1	8.70000	8.70000	8.70000	9.5 pH units
Silver	mg/L	Weekly during discharge	1	0.00005	0.00005	0.00005	0.0005 mg/L
Suspended Solids	mg/L	Monthly during discharge					30 mg/L
Volume	ML/d	Daily					20 ML/d

Start Of Month	EndDate
01-Apr-25 12:00:00 AM	01-May-25 12:00:00 AM



EPA Monitoring Point 25

Start Of Month	EndDate
01-Apr-25 12:00:00 AM	01-May-25 12:00:00 AM

Pollutant	Unit of measure	Sampling Frequency	Sampling Performance	Month Count Measure	Lowest Value	Mean Value	Highest Value	100th percentile concentration limits
Boron	mg/L	Weekly during discharge	0.00%	5	1.23000	1.38400	1.50000	
Cadmium	mg/L	Weekly during discharge	0.00%	5	0.00005	0.00005	0.00005	
Conductivity	uS/cm	Continuous during discharge	0.00%	5	2030.00000	2106.00000	2220.00000	
Copper	mg/L	Weekly during discharge	0.00%	5	0.00300	0.00340	0.00400	
Iron	mg/L	Weekly during discharge	0.00%	5	0.12000	0.23000	0.36000	
Molybdenum	mg/L	Weekly during discharge	0.00%	5	0.08300	0.10680	0.13600	
Nickel	mg/L	Weekly during discharge	0.00%	5	0.00300	0.00420	0.00600	
pH	pH units	Weekly during discharge	0.00%	5	8.00000	8.24000	8.70000	
Silver	ma/l	Weekly during discharge	0.00%	5	0.00050	0.00050	0.00050	

EPA Monitoring Point 26

Pollutant	Unit of measure	Sampling Frequency	Month Count Measure	Month Sum Measure	100th percentile concentration limits
Volume	kL/d	Continuous			

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	11	6.49000	7.00182	8.60000	
Ammonia	mg/m3	Every 6 months	11	0.58000	0.63636	0.76000	
Antimony	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Arsenic III	mg/m3	Every 6 months	11	0.00025	0.00032	0.00100	
Arsenic V	mg/m3	Every 6 months	11	0.00025	0.00041	0.00150	
Barium	mg/m3	Every 6 months	11	0.00700	0.01218	0.03900	
Beryllium	mg/m3	Every 6 months	11	0.00400	0.00400	0.00400	
Boron	mg/m3	Every 6 months	11	2.96000	3.33091	4.10000	
Cadmium	mg/m3	Every 6 months	11	0.00030	0.00040	0.00060	
Calcium	mg/m3	Every 6 months	11	564.00000	589.36364	613.00000	
Chloride	mg/m3	Every 6 months	11	679.00000	739.45455	800.00000	
Chromium III	mg/m3	Every 6 months	11	0.00050	0.00432	0.00500	
Chromium VI	mg/m3	Every 6 months	11	0.00050	0.00377	0.00500	
Cobalt	mg/m3	Every 6 months	11	0.07500	0.08309	0.08900	
Copper	mg/m3	Every 6 months	11	0.00050	0.00368	0.01000	
Electrical Conductivity	mg/m3	Every 6 months	12	4660.00000	4921.66667	5100.00000	
Iron	mg/m3	Every 6 months	11	0.26000	0.59727	2.74000	
Lead	mg/m3	Every 6 months	11	0.00050	0.00068	0.00200	
Lithium	mg/m3	Every 6 months	11	0.44400	0.50282	0.62600	
Magnesium	mg/m3	Every 6 months	11	32.00000	35.00000	41.00000	
Manganese	mg/m3	Every 6 months	11	0.65400	0.69445	0.72500	
Mercury	mg/m3	Every 6 months	11	0.00002	0.00004	0.00005	
Molybdenum	mg/m3	Every 6 months	11	0.00050	0.00055	0.00100	
Nickel	mg/m3	Every 6 months	11	0.14700	0.16091	0.17700	
Nitrate	mg/m3	Every 6 months	11	0.00500	0.01182	0.04000	
Nitrite	mg/m3	Every 6 months	11	0.00500	0.00545	0.01000	
Nitrite - Nitrate	mg/m3	Every 6 months	11	0.00500	0.01227	0.04000	
pH	mg/m3	Every 6 months	12	3.90000	4.01667	4.10000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	11	0.00500	0.00545	0.01000	
Phosphorus Total	mg/m3	Every 6 months	11	0.00500	0.01409	0.03000	
Potassium	mg/m3	Every 6 months	11	21.00000	22.81818	25.00000	
Selenium	mg/m3	Every 6 months	11	0.00230	0.01128	0.04000	
Silver	mg/m3	Every 6 months	11	0.00050	0.00064	0.00200	
Sodium	mg/m3	Every 6 months	11	485.00000	512.09091	554.00000	
Strontium dissolved	mg/m3	Every 6 months	10	0.31800	0.34130	0.39100	
Sulfate	mg/m3	Every 6 months	11	1760.00000	1944.54545	2170.00000	
Thalium	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Titanium	mg/m3	Every 6 months	11	0.00500	0.00864	0.04000	
Total Alkalinity	mg/m3	Every 6 months	11	0.50000	0.50000	0.50000	
Total Dissolved Solids	mg/m3	Every 6 months	11	3590.00000	3950.90909	4120.00000	
Total Hardness	mg/m3	Every 6 months	11	1540.00000	1614.54545	1670.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	11	0.70000	0.87273	1.20000	
Total Nitrogen	mg/m3	Every 6 months	11	0.70000	0.87273	1.20000	
Vanadium	mg/m3	Every 6 months	11	0.00500	0.00500	0.00500	
Zinc	mg/m3	Every 6 months	11	0.24500	0.26891	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	11	0.00500	0.04318	0.10000	
Ammonia	mg/m3	Every 6 months	11	0.09000	0.14818	0.24000	
Antimony	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Arsenic III	mg/m3	Every 6 months	11	0.00025	0.00025	0.00025	
Arsenic V	mg/m3	Every 6 months	11	0.00025	0.00037	0.00070	
Barium	mg/m3	Every 6 months	11	0.01900	0.02209	0.02500	
Beryllium	mg/m3	Every 6 months	11	0.00050	0.00091	0.00500	
Boron	mg/m3	Every 6 months	11	2.78000	3.14455	3.60000	
Cadmium	mg/m3	Every 6 months	11	0.00005	0.00009	0.00050	
Calcium	mg/m3	Every 6 months	11	312.00000	342.00000	378.00000	
Chloride	mg/m3	Every 6 months	11	446.00000	485.45455	557.00000	
Chromium III	mg/m3	Every 6 months	11	0.00050	0.00432	0.00500	
Chromium VI	mg/m3	Every 6 months	11	0.00050	0.00377	0.00500	
Cobalt	mg/m3	Every 6 months	11	0.00050	0.00064	0.00200	
Copper	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Electrical Conductivity	mg/m3	Every 6 months	12	4300.00000	4853.33333	5150.00000	
Iron	mg/m3	Every 6 months	11	0.02500	0.05091	0.12000	
Lead	mg/m3	Every 6 months	11	0.00050	0.00064	0.00200	
Lithium	mg/m3	Every 6 months	11	0.08700	0.10318	0.11400	
Magnesium	mg/m3	Every 6 months	11	130.00000	140.36364	156.00000	
Manganese	mg/m3	Every 6 months	11	0.12000	0.15064	0.17700	
Mercury	mg/m3	Every 6 months	11	0.00002	0.00004	0.00005	
Molybdenum	mg/m3	Every 6 months	11	0.00050	0.00073	0.00200	
Nickel	mg/m3	Every 6 months	11	0.00400	0.00518	0.00600	
Nitrate	mg/m3	Every 6 months	11	0.00500	0.06864	0.61000	
Nitrite	mg/m3	Every 6 months	11	0.00500	0.00682	0.02000	
Nitrite - Nitrate	mg/m3	Every 6 months	11	0.00500	0.07091	0.62000	
pH	mg/m3	Every 6 months	12	6.70000	6.82500	6.90000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	11	0.00500	0.01500	0.02000	
Phosphorus Total	mg/m3	Every 6 months	11	0.01000	0.03273	0.05000	
Potassium	mg/m3	Every 6 months	11	4.00000	4.27273	5.00000	
Selenium	mg/m3	Every 6 months	11	0.00010	0.00367	0.00500	
Silver	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	11	610.00000	668.81818	729.00000	
Strontium dissolved	mg/m3	Every 6 months	10	1.83000	2.01000	2.37000	
Sulfate	mg/m3	Every 6 months	11	1650.00000	1858.18182	2020.00000	
Thalium	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Titanium	mg/m3	Every 6 months	11	0.00500	0.00500	0.00500	
Total Alkalinity	mg/m3	Every 6 months	11	410.00000	443.72727	481.00000	
Total Dissolved Solids	mg/m3	Every 6 months	11	3510.00000	3922.72727	4350.00000	
Total Hardness	mg/m3	Every 6 months	11	1350.00000	1432.72727	1520.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	11	0.20000	0.41818	0.90000	
Total Nitrogen	mg/m3	Every 6 months	11	0.20000	0.48182	1.00000	
Vanadium	mg/m3	Every 6 months	11	0.00500	0.00500	0.00500	
Zinc	mg/m3	Every 6 months	11	0.00250	0.00250	0.00250	

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	11	0.06000	0.43273	3.62000	
Ammonia	mg/m3	Every 6 months	11	0.09000	0.27545	0.42000	
Antimony	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Arsenic III	mg/m3	Every 6 months	11	0.00025	0.00161	0.01150	
Arsenic V	mg/m3	Every 6 months	11	0.00025	0.00150	0.00370	
Barium	mg/m3	Every 6 months	11	0.01100	0.01782	0.05300	
Beryllium	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	11	0.16000	0.33636	0.76000	
Cadmium	mg/m3	Every 6 months	11	0.00005	0.00005	0.00005	
Calcium	mg/m3	Every 6 months	11	360.00000	406.63636	487.00000	
Chloride	mg/m3	Every 6 months	11	1410.00000	1693.63636	2240.00000	
Chromium III	mg/m3	Every 6 months	10	0.00050	0.00565	0.02000	
Chromium VI	mg/m3	Every 6 months	10	0.00050	0.00365	0.00500	
Cobalt	mg/m3	Every 6 months	11	0.13300	0.50845	0.84900	
Copper	mg/m3	Every 6 months	11	0.00050	0.00055	0.00100	
Electrical Conductivity	mg/m3	Every 6 months	11	10180.00000	10495.45455	11310.00000	
Iron	mg/m3	Every 6 months	11	3.79000	12.97000	44.80000	
Lead	mg/m3	Every 6 months	11	0.00050	0.00064	0.00200	
Lithium	mg/m3	Every 6 months	11	0.08900	0.13318	0.25100	
Magnesium	mg/m3	Every 6 months	11	256.00000	281.27273	323.00000	
Manganese	mg/m3	Every 6 months	11	1.73000	2.48727	4.51000	
Mercury	mg/m3	Every 6 months	11	0.00002	0.00004	0.00005	
Molybdenum	mg/m3	Every 6 months	11	0.00050	0.00055	0.00100	
Nickel	mg/m3	Every 6 months	11	0.09200	0.24318	0.38300	
Nitrate	mg/m3	Every 6 months	11	0.00500	0.01136	0.04000	
Nitrite	mg/m3	Every 6 months	11	0.00500	0.00500	0.00500	
Nitrite - Nitrate	mg/m3	Every 6 months	11	0.00500	0.01136	0.04000	
pH	mg/m3	Every 6 months	11	5.70000	5.95455	6.40000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	11	0.00500	0.00500	0.00500	
Phosphorus Total	mg/m3	Every 6 months	11	0.00500	0.02818	0.05000	
Potassium	mg/m3	Every 6 months	11	4.00000	5.36364	7.00000	
Selenium	mg/m3	Every 6 months	11	0.00070	0.00410	0.00500	
Silver	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	11	1690.00000	1886.36364	2110.00000	
Strontium dissolved	mg/m3	Every 6 months	8	2.42000	2.81375	3.43000	
Sulfate	mg/m3	Every 6 months	11	3330.00000	3559.09091	4040.00000	
Thalium	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Titanium	mg/m3	Every 6 months	11	0.00500	0.00636	0.02000	
Total Alkalinity	mg/m3	Every 6 months	11	84.00000	134.90909	234.00000	
Total Dissolved Solids	mg/m3	Every 6 months	11	7780.00000	8591.81818	10600.00000	
Total Hardness	mg/m3	Every 6 months	11	1950.00000	2173.63636	2500.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	11	0.40000	0.60909	0.80000	
Total Nitrogen	mg/m3	Every 6 months	11	0.40000	0.60909	0.80000	
Vanadium	mg/m3	Every 6 months	11	0.00500	0.00500	0.00500	
Zinc	mg/m3	Every 6 months	11	0.01600	0.12545	0.19600	

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	11	0.00500	0.00955	0.02000	
Ammonia	mg/m3	Every 6 months	11	0.04000	0.08000	0.20000	
Antimony	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Arsenic III	mg/m3	Every 6 months	11	0.00025	0.00037	0.00100	
Arsenic V	mg/m3	Every 6 months	11	0.00025	0.00046	0.00080	
Barium	mg/m3	Every 6 months	11	0.01000	0.01255	0.01400	
Beryllium	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	11	1.95000	2.31364	2.55000	
Cadmium	mg/m3	Every 6 months	11	0.00005	0.00006	0.00020	
Calcium	mg/m3	Every 6 months	11	343.00000	374.27273	414.00000	
Chloride	mg/m3	Every 6 months	11	986.00000	1060.54545	1150.00000	
Chromium III	mg/m3	Every 6 months	11	0.00050	0.00418	0.00500	
Chromium VI	mg/m3	Every 6 months	11	0.00050	0.00377	0.00500	
Cobalt	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Copper	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Electrical Conductivity	mg/m3	Every 6 months	12	7150.00000	7690.00000	8020.00000	
Iron	mg/m3	Every 6 months	11	0.16000	0.23091	0.32000	
Lead	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Lithium	mg/m3	Every 6 months	11	0.19400	0.23300	0.26200	
Magnesium	mg/m3	Every 6 months	11	253.00000	292.27273	320.00000	
Manganese	mg/m3	Every 6 months	11	0.13700	0.15909	0.17100	
Mercury	mg/m3	Every 6 months	11	0.00002	0.00004	0.00005	
Molybdenum	mg/m3	Every 6 months	11	0.00300	0.00309	0.00400	
Nickel	mg/m3	Every 6 months	11	0.01100	0.01264	0.01400	
Nitrate	mg/m3	Every 6 months	11	0.00500	0.00545	0.01000	
Nitrite	mg/m3	Every 6 months	11	0.00500	0.00500	0.00500	
Nitrite - Nitrate	mg/m3	Every 6 months	11	0.00500	0.00545	0.01000	
pH	mg/m3	Every 6 months	12	7.00000	7.14167	7.20000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	11	0.00500	0.00909	0.03000	
Phosphorus Total	mg/m3	Every 6 months	11	0.01000	0.04000	0.07000	
Potassium	mg/m3	Every 6 months	11	11.00000	12.00000	13.00000	
Selenium	mg/m3	Every 6 months	11	0.00010	0.00367	0.00500	
Silver	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	11	956.00000	1098.09091	1180.00000	
Strontium dissolved	mg/m3	Every 6 months	10	2.79000	3.06000	3.64000	
Sulfate	mg/m3	Every 6 months	11	2560.00000	2789.09091	3000.00000	
Thalium	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Titanium	mg/m3	Every 6 months	11	0.00500	0.00500	0.00500	
Total Alkalinity	mg/m3	Every 6 months	11	339.00000	370.72727	396.00000	
Total Dissolved Solids	mg/m3	Every 6 months	11	5930.00000	6474.54545	7390.00000	
Total Hardness	mg/m3	Every 6 months	11	2020.00000	2137.27273	2350.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	11	0.10000	0.23636	0.40000	
Total Nitrogen	mg/m3	Every 6 months	11	0.10000	0.23636	0.40000	
Vanadium	mg/m3	Every 6 months	11	0.00500	0.00500	0.00500	
Zinc	mg/m3	Every 6 months	11	0.00250	0.00250	0.00250	

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	9	0.00500	0.04667	0.14000	
Ammonia	mg/m3	Every 6 months	9	0.14000	0.22222	0.33000	
Antimony	mg/m3	Every 6 months	9	0.00050	0.00050	0.00050	
Arsenic III	mg/m3	Every 6 months	9	0.00025	0.00025	0.00025	
Arsenic V	mg/m3	Every 6 months	9	0.00025	0.00039	0.00120	
Barium	mg/m3	Every 6 months	9	0.00500	0.00633	0.00800	
Beryllium	mg/m3	Every 6 months	9	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	9	4.42000	4.93556	5.49000	
Cadmium	mg/m3	Every 6 months	9	0.00010	0.00020	0.00030	
Calcium	mg/m3	Every 6 months	9	501.00000	536.11111	572.00000	
Chloride	mg/m3	Every 6 months	9	466.00000	488.33333	509.00000	
Chromium III	mg/m3	Every 6 months	9	0.00050	0.00400	0.00500	
Chromium VI	mg/m3	Every 6 months	9	0.00050	0.00350	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	9	4700.00000	4970.00000	5130.00000	
Iron	mg/m3	Every 6 months	9	0.02500	0.13444	0.29000	
Lead	mg/m3	Every 6 months	9	0.00050	0.00050	0.00050	
Lithium	mg/m3	Every 6 months	9	0.28000	0.32378	0.42800	
Magnesium	mg/m3	Every 6 months	9	105.00000	121.33333	131.00000	
Manganese	mg/m3	Every 6 months	9	0.14800	0.18911	0.21200	
Mercury	mg/m3	Every 6 months	9	0.00002	0.00004	0.00005	
Molybdenum	mg/m3	Every 6 months	9	0.00100	0.00144	0.00200	
Nickel	mg/m3	Every 6 months	9	0.00900	0.01078	0.01200	
Nitrate	mg/m3	Every 6 months	9	0.00500	0.45167	4.00000	
Nitrite	mg/m3	Every 6 months	9	0.00500	0.00500	0.00500	
Nitrite - Nitrate	mg/m3	Every 6 months	9	0.00500	0.45167	4.00000	
pH	mg/m3	Every 6 months	9	6.70000	6.74444	6.90000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	9	0.00500	0.00500	0.00500	
Phosphorus Total	mg/m3	Every 6 months	9	0.00500	0.02722	0.05000	
Potassium	mg/m3	Every 6 months	9	16.00000	17.11111	19.00000	
Selenium	mg/m3	Every 6 months	9	0.00010	0.00337	0.00500	
Silver	mg/m3	Every 6 months	9	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	9	483.00000	567.88889	615.00000	
Strontium dissolved	mg/m3	Every 6 months	9	2.05000	2.29000	2.55000	
Sulfate	mg/m3	Every 6 months	9	2240.00000	2382.22222	2700.00000	
Thalium	mg/m3	Every 6 months	9	0.00050	0.00050	0.00050	
Titanium	mg/m3	Every 6 months	9	0.00500	0.00500	0.00500	
Total Alkalinity	mg/m3	Every 6 months	9	98.00000	110.55556	133.00000	
Total Dissolved Solids	mg/m3	Every 6 months	9	4100.00000	4325.55556	4510.00000	
Total Hardness	mg/m3	Every 6 months	9	1730.00000	1836.66667	1970.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	9	0.30000	0.37778	0.60000	
Total Nitrogen	mg/m3	Every 6 months	9	0.30000	0.82222	4.60000	
Vanadium	mg/m3	Every 6 months	9	0.00500	0.00500	0.00500	
Zinc	mg/m3	Every 6 months	9	0.00250	0.00333	0.01000	

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	11	0.00500	0.04818	0.20000	
Ammonia	mg/m3	Every 6 months	11	0.03000	0.08273	0.17000	
Antimony	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Arsenic III	mg/m3	Every 6 months	11	0.00025	0.00025	0.00025	
Arsenic V	mg/m3	Every 6 months	11	0.00025	0.00028	0.00060	
Barium	mg/m3	Every 6 months	11	0.00900	0.01018	0.01100	
Beryllium	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	11	0.37000	0.48182	0.74000	
Cadmium	mg/m3	Every 6 months	11	0.00005	0.00005	0.00005	
Calcium	mg/m3	Every 6 months	11	261.00000	291.90909	330.00000	
Chloride	mg/m3	Every 6 months	11	751.00000	806.72727	870.00000	
Chromium III	mg/m3	Every 6 months	11	0.00050	0.00418	0.00500	
Chromium VI	mg/m3	Every 6 months	11	0.00050	0.00377	0.00500	
Cobalt	mg/m3	Every 6 months	11	0.00050	0.00059	0.00100	
Copper	mg/m3	Every 6 months	11	0.00050	0.00082	0.00400	
Electrical Conductivity	mg/m3	Every 6 months	12	8900.00000	9879.16667	10230.00000	
Iron	mg/m3	Every 6 months	11	0.02500	0.15364	0.45000	
Lead	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Lithium	mg/m3	Every 6 months	11	0.10500	0.12145	0.16200	
Magnesium	mg/m3	Every 6 months	11	392.00000	456.00000	512.00000	
Manganese	mg/m3	Every 6 months	11	0.04200	0.08409	0.14700	
Mercury	mg/m3	Every 6 months	11	0.00002	0.00004	0.00005	
Molybdenum	mg/m3	Every 6 months	11	0.00200	0.00200	0.00200	
Nickel	mg/m3	Every 6 months	11	0.00300	0.00409	0.00500	
Nitrate	mg/m3	Every 6 months	11	0.00500	0.00636	0.02000	
Nitrite	mg/m3	Every 6 months	11	0.00500	0.00500	0.00500	
Nitrite - Nitrate	mg/m3	Every 6 months	11	0.00500	0.00636	0.02000	
pH	mg/m3	Every 6 months	12	7.20000	7.27250	7.40000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	11	0.00500	0.01182	0.03000	
Phosphorus Total	mg/m3	Every 6 months	11	0.01000	0.02818	0.05000	
Potassium	mg/m3	Every 6 months	11	8.00000	8.72727	10.00000	
Selenium	mg/m3	Every 6 months	11	0.00010	0.00366	0.00500	
Silver	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	11	1500.00000	1749.09091	2040.00000	
Strontium dissolved	mg/m3	Every 6 months	10	4.31000	5.44400	6.61000	
Sulfate	mg/m3	Every 6 months	11	4240.00000	4560.00000	4990.00000	
Thalium	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Titanium	mg/m3	Every 6 months	11	0.00500	0.00500	0.00500	
Total Alkalinity	mg/m3	Every 6 months	11	450.00000	477.45455	516.00000	
Total Dissolved Solids	mg/m3	Every 6 months	11	8500.00000	8890.00000	9610.00000	
Total Hardness	mg/m3	Every 6 months	11	2320.00000	2605.45455	2930.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	11	0.05000	0.18182	0.30000	
Total Nitrogen	mg/m3	Every 6 months	11	0.05000	0.18182	0.30000	
Vanadium	mg/m3	Every 6 months	11	0.00500	0.00500	0.00500	
Zinc	mg/m3	Every 6 months	11	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	11	0.00500	0.16136	0.86000	
Ammonia	mg/m3	Every 6 months	11	0.00500	0.10136	0.31000	
Antimony	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Arsenic III	mg/m3	Every 6 months	11	0.00025	0.00030	0.00080	
Arsenic V	mg/m3	Every 6 months	11	0.00025	0.00025	0.00025	
Barium	mg/m3	Every 6 months	11	0.01900	0.02618	0.04500	
Beryllium	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	11	0.18000	0.25364	0.38000	
Cadmium	mg/m3	Every 6 months	11	0.00005	0.00008	0.00020	
Calcium	mg/m3	Every 6 months	11	174.00000	193.54545	254.00000	
Chloride	mg/m3	Every 6 months	11	2860.00000	3232.72727	4350.00000	
Chromium III	mg/m3	Every 6 months	11	0.00050	0.00418	0.00500	
Chromium VI	mg/m3	Every 6 months	11	0.00050	0.00377	0.00500	
Cobalt	mg/m3	Every 6 months	11	0.00050	0.00064	0.00200	
Copper	mg/m3	Every 6 months	11	0.00050	0.00309	0.01500	
Electrical Conductivity	mg/m3	Every 6 months	12	10130.00000	11533.33333	13930.00000	
Iron	mg/m3	Every 6 months	11	0.02500	0.29818	1.39000	
Lead	mg/m3	Every 6 months	11	0.00050	0.00168	0.00900	
Lithium	mg/m3	Every 6 months	11	0.25800	0.32173	0.51100	
Magnesium	mg/m3	Every 6 months	11	246.00000	289.72727	411.00000	
Manganese	mg/m3	Every 6 months	11	0.00200	0.08773	0.56600	
Mercury	mg/m3	Every 6 months	11	0.00002	0.00004	0.00005	
Molybdenum	mg/m3	Every 6 months	11	0.00200	0.00282	0.00300	
Nickel	mg/m3	Every 6 months	11	0.00400	0.00500	0.00900	
Nitrate	mg/m3	Every 6 months	11	0.14000	0.32636	0.78000	
Nitrite	mg/m3	Every 6 months	11	0.00500	0.00500	0.00500	
Nitrite - Nitrate	mg/m3	Every 6 months	11	0.14000	0.32636	0.78000	
pH	mg/m3	Every 6 months	12	6.90000	7.00833	7.20000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	11	0.00500	0.00864	0.04000	
Phosphorus Total	mg/m3	Every 6 months	11	0.00500	0.05682	0.17000	
Potassium	mg/m3	Every 6 months	11	22.00000	23.36364	26.00000	
Selenium	mg/m3	Every 6 months	11	0.00020	0.00372	0.00500	
Silver	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	11	1970.00000	2080.00000	2400.00000	
Strontium dissolved	mg/m3	Every 6 months	9	2.91000	3.40222	4.45000	
Sulfate	mg/m3	Every 6 months	11	687.00000	911.72727	1190.00000	
Thalium	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Titanium	mg/m3	Every 6 months	11	0.00500	0.00636	0.02000	
Total Alkalinity	mg/m3	Every 6 months	11	800.00000	863.90909	1030.00000	
Total Dissolved Solids	mg/m3	Every 6 months	11	6800.00000	7503.63636	10800.00000	
Total Hardness	mg/m3	Every 6 months	11	1450.00000	1675.45455	2330.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	11	0.05000	0.34091	1.10000	
Total Nitrogen	mg/m3	Every 6 months	11	0.30000	0.65455	1.50000	
Vanadium	mg/m3	Every 6 months	11	0.00500	0.00500	0.00500	
Zinc	mg/m3	Every 6 months	11	0.00250	0.01364	0.05600	

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	11	0.00500	0.89545	7.07000	
Ammonia	mg/m3	Every 6 months	11	0.00500	0.04409	0.09000	
Antimony	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Arsenic III	mg/m3	Every 6 months	11	0.00025	0.00030	0.00080	
Arsenic V	mg/m3	Every 6 months	11	0.00025	0.00035	0.00100	
Barium	mg/m3	Every 6 months	11	0.00900	0.01936	0.08300	
Beryllium	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	11	1.84000	2.09364	2.50000	
Cadmium	mg/m3	Every 6 months	11	0.00005	0.00015	0.00060	
Calcium	mg/m3	Every 6 months	11	481.00000	520.27273	546.00000	
Chloride	mg/m3	Every 6 months	11	702.00000	772.81818	912.00000	
Chromium III	mg/m3	Every 6 months	11	0.00050	0.00432	0.00500	
Chromium VI	mg/m3	Every 6 months	11	0.00050	0.00377	0.00500	
Cobalt	mg/m3	Every 6 months	11	0.00200	0.00518	0.01300	
Copper	mg/m3	Every 6 months	11	0.00050	0.00327	0.02600	
Electrical Conductivity	mg/m3	Every 6 months	11	6220.00000	6877.27273	7360.00000	
Iron	mg/m3	Every 6 months	11	0.09000	1.33727	9.69000	
Lead	mg/m3	Every 6 months	11	0.00050	0.00214	0.01500	
Lithium	mg/m3	Every 6 months	11	0.23200	0.26327	0.31100	
Magnesium	mg/m3	Every 6 months	11	326.00000	344.18182	362.00000	
Manganese	mg/m3	Every 6 months	11	0.16200	0.26309	0.42800	
Mercury	mg/m3	Every 6 months	11	0.00002	0.00004	0.00005	
Molybdenum	mg/m3	Every 6 months	11	0.00050	0.00109	0.00200	
Nickel	mg/m3	Every 6 months	11	0.00900	0.01100	0.01800	
Nitrate	mg/m3	Every 6 months	11	0.00500	0.02318	0.12000	
Nitrite	mg/m3	Every 6 months	11	0.00500	0.00545	0.01000	
Nitrite - Nitrate	mg/m3	Every 6 months	11	0.00500	0.02409	0.12000	
pH	mg/m3	Every 6 months	12	6.40000	6.49167	6.60000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	11	0.01000	0.02727	0.05000	
Phosphorus Total	mg/m3	Every 6 months	11	0.05000	0.11000	0.36000	
Potassium	mg/m3	Every 6 months	11	12.00000	14.00000	15.00000	
Selenium	mg/m3	Every 6 months	11	0.00010	0.00368	0.00500	
Silver	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	11	763.00000	798.09091	852.00000	
Strontium dissolved	mg/m3	Every 6 months	10	3.16000	3.51000	3.84000	
Sulfate	mg/m3	Every 6 months	11	2970.00000	3183.63636	3360.00000	
Thalium	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Titanium	mg/m3	Every 6 months	11	0.00500	0.01045	0.06000	
Total Alkalinity	mg/m3	Every 6 months	11	188.00000	214.81818	230.00000	
Total Dissolved Solids	mg/m3	Every 6 months	11	5960.00000	6344.54545	7050.00000	
Total Hardness	mg/m3	Every 6 months	11	2600.00000	2715.45455	2810.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	11	0.05000	0.23182	0.60000	
Total Nitrogen	mg/m3	Every 6 months	11	0.05000	0.25000	0.70000	
Vanadium	mg/m3	Every 6 months	11	0.00500	0.00636	0.02000	
Zinc	mg/m3	Every 6 months	11	0.00250	0.01182	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	2.81833	14.60000	
Ammonia	mg/m3	Every 6 months	6	6.16000	7.24167	7.90000	
Antimony	mg/m3	Every 6 months	6	0.00050	0.00425	0.00500	
Arsenic III	mg/m3	Every 6 months	6	0.00050	0.00208	0.00400	
Arsenic V	mg/m3	Every 6 months	6	0.00025	0.00204	0.00400	
Barium	mg/m3	Every 6 months	6	0.04000	0.06067	0.08800	
Beryllium	mg/m3	Every 6 months	6	0.00050	0.00425	0.00500	
Boron	mg/m3	Every 6 months	6	0.16000	0.33667	0.55000	
Cadmium	mg/m3	Every 6 months	6	0.00005	0.00043	0.00050	
Calcium	mg/m3	Every 6 months	6	56.00000	64.00000	76.00000	
Chloride	mg/m3	Every 6 months	6	6640.00000	7120.00000	7920.00000	
Chromium III	mg/m3	Every 6 months	7	0.00500	0.00571	0.01000	
Chromium VI	mg/m3	Every 6 months	7	0.00050	0.00371	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	24900.00000	26537.50000	27800.00000	
Iron	mg/m3	Every 6 months	6	0.25000	1.91500	5.15000	
Lead	mg/m3	Every 6 months	6	0.00200	0.00450	0.00500	
Lithium	mg/m3	Every 6 months	6	1.67000	1.91000	2.11000	
Magnesium	mg/m3	Every 6 months	6	39.00000	56.16667	94.00000	
Manganese	mg/m3	Every 6 months	6	0.05000	0.08117	0.10700	
Mercury	mg/m3	Every 6 months	6	0.00002	0.00004	0.00005	
Molybdenum	mg/m3	Every 6 months	6	0.00050	0.00425	0.00500	
Nickel	mg/m3	Every 6 months	6	0.00500	0.00533	0.00700	
Nitrate	mg/m3	Every 6 months	6	0.00500	0.05917	0.24000	
Nitrite	mg/m3	Every 6 months	6	0.00500	0.04333	0.15000	
Nitrite - Nitrate	mg/m3	Every 6 months	6	0.00500	0.10083	0.32000	
pH	mg/m3	Every 6 months	8	7.50000	7.63750	7.70000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	6	0.05000	0.06333	0.10000	
Phosphorus Total	mg/m3	Every 6 months	6	0.10000	0.20333	0.27000	
Potassium	mg/m3	Every 6 months	6	19.00000	20.50000	24.00000	
Selenium	mg/m3	Every 6 months	6	0.00020	0.02595	0.05000	
Silver	mg/m3	Every 6 months	6	0.00050	0.00425	0.00500	
Sodium	mg/m3	Every 6 months	6	5710.00000	6450.00000	7180.00000	
Strontium dissolved	mg/m3	Every 6 months	5	5.27000	5.59000	5.99000	
Sulfate	mg/m3	Every 6 months	6	3200.00000	3423.33333	3640.00000	
Thalium	mg/m3	Every 6 months	6	0.00050	0.00425	0.00500	
Titanium	mg/m3	Every 6 months	6	0.00500	0.04250	0.05000	
Total Alkalinity	mg/m3	Every 6 months	6	1330.00000	1381.66667	1450.00000	
Total Dissolved Solids	mg/m3	Every 6 months	6	17000.00000	19666.66667	25500.00000	
Total Hardness	mg/m3	Every 6 months	6	316.00000	391.00000	577.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	6	7.10000	7.86667	8.90000	
Total Nitrogen	mg/m3	Every 6 months	6	7.10000	7.95000	9.20000	
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	0.43000	0.46333	0.52000	
Ammonia	mg/m3	Every 6 months	6	0.11000	0.15333	0.26000	
Antimony	mg/m3	Every 6 months	6	0.00050	0.00050	0.00050	
Arsenic III	mg/m3	Every 6 months	6	0.00025	0.00025	0.00025	
Arsenic V	mg/m3	Every 6 months	6	0.00025	0.00033	0.00070	
Barium	mg/m3	Every 6 months	6	0.01000	0.01133	0.01300	
Beryllium	mg/m3	Every 6 months	6	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	6	1.48000	1.57000	1.72000	
Cadmium	mg/m3	Every 6 months	6	0.00200	0.00220	0.00240	
Calcium	mg/m3	Every 6 months	6	455.00000	477.50000	498.00000	
Chloride	mg/m3	Every 6 months	6	839.00000	923.66667	1020.00000	
Chromium III	mg/m3	Every 6 months	7	0.00050	0.00371	0.00500	
Chromium VI	mg/m3	Every 6 months	7	0.00050	0.00371	0.00500	
Cobalt	mg/m3	Every 6 months	6	0.10200	0.10700	0.11600	
Copper	mg/m3	Every 6 months	6	0.00050	0.00083	0.00200	
Electrical Conductivity	mg/m3	Every 6 months	8	8150.00000	8741.25000	9040.00000	
Iron	mg/m3	Every 6 months	6	0.02500	0.03667	0.07000	
Lead	mg/m3	Every 6 months	6	0.00050	0.00050	0.00050	
Lithium	mg/m3	Every 6 months	6	0.52100	0.60250	0.68100	
Magnesium	mg/m3	Every 6 months	6	376.00000	393.83333	416.00000	
Manganese	mg/m3	Every 6 months	6	3.85000	4.02333	4.21000	
Mercury	mg/m3	Every 6 months	6	0.00002	0.00004	0.00005	
Molybdenum	mg/m3	Every 6 months	6	0.00050	0.00050	0.00050	
Nickel	mg/m3	Every 6 months	6	0.27500	0.28817	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	5.40000	5.40000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	6	0.06000	0.07000	0.08000	
Phosphorus Total	mg/m3	Every 6 months	6	0.06000	0.08833	0.10000	
Potassium	mg/m3	Every 6 months	6	41.00000	45.00000	51.00000	
Selenium	mg/m3	Every 6 months	6	0.00010	0.00340	0.00500	
Silver	mg/m3	Every 6 months	6	0.00050	0.00075	0.00200	
Sodium	mg/m3	Every 6 months	6	1260.00000	1310.00000	1370.00000	
Strontium dissolved	mg/m3	Every 6 months	5	2.10000	2.27400	2.50000	
Sulfate	mg/m3	Every 6 months	6	3960.00000	4276.66667	4700.00000	
Thalium	mg/m3	Every 6 months	6	0.00050	0.00050	0.00050	
Titanium	mg/m3	Every 6 months	6	0.00500	0.00500	0.00500	
Total Alkalinity	mg/m3	Every 6 months	6	37.00000	40.83333	46.00000	
Total Dissolved Solids	mg/m3	Every 6 months	6	7290.00000	7953.33333	8420.00000	
Total Hardness	mg/m3	Every 6 months	6	2720.00000	2813.33333	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	0.12033	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	6	0.00500	0.03250	0.05000	
Ammonia	mg/m3	Every 6 months	6	0.14000	0.24833	0.50000	
Antimony	mg/m3	Every 6 months	6	0.00050	0.00050	0.00050	
Arsenic III	mg/m3	Every 6 months	6	0.00025	0.00025	0.00025	
Arsenic V	mg/m3	Every 6 months	6	0.00025	0.00025	0.00025	
Barium	mg/m3	Every 6 months	6	0.01500	0.01567	0.01600	
Beryllium	mg/m3	Every 6 months	6	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	6	0.95000	1.01833	1.08000	
Cadmium	mg/m3	Every 6 months	6	0.00005	0.00005	0.00005	
Calcium	mg/m3	Every 6 months	6	518.00000	569.00000	595.00000	
Chloride	mg/m3	Every 6 months	6	331.00000	386.33333	586.00000	
Chromium III	mg/m3	Every 6 months	7	0.00050	0.00371	0.00500	
Chromium VI	mg/m3	Every 6 months	7	0.00050	0.00371	0.00500	
Cobalt	mg/m3	Every 6 months	6	0.00050	0.00058	0.00100	
Copper	mg/m3	Every 6 months	6	0.00050	0.00050	0.00050	
Electrical Conductivity	mg/m3	Every 6 months	8	4860.00000	5017.50000	5230.00000	
Iron	mg/m3	Every 6 months	6	0.13000	0.19833	0.29000	
Lead	mg/m3	Every 6 months	6	0.00050	0.00050	0.00050	
Lithium	mg/m3	Every 6 months	6	0.20800	0.23617	0.26900	
Magnesium	mg/m3	Every 6 months	6	166.00000	178.66667	191.00000	
Manganese	mg/m3	Every 6 months	6	1.49000	1.62500	1.76000	
Mercury	mg/m3	Every 6 months	6	0.00002	0.00004	0.00005	
Molybdenum	mg/m3	Every 6 months	6	0.00050	0.00050	0.00050	
Nickel	mg/m3	Every 6 months	6	0.00200	0.00250	0.00400	
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	6.90000	6.98750	7.00000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	6	0.00500	0.00583	0.01000	
Phosphorus Total	mg/m3	Every 6 months	6	0.00500	0.03250	0.07000	
Potassium	mg/m3	Every 6 months	6	16.00000	17.33333	19.00000	
Selenium	mg/m3	Every 6 months	6	0.00010	0.00340	0.00500	
Silver	mg/m3	Every 6 months	6	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	6	458.00000	492.16667	534.00000	
Strontium dissolved	mg/m3	Every 6 months	5	2.02000	2.41400	2.77000	
Sulfate	mg/m3	Every 6 months	6	2140.00000	2245.00000	2350.00000	
Thalium	mg/m3	Every 6 months	6	0.00050	0.00050	0.00050	
Titanium	mg/m3	Every 6 months	6	0.00500	0.00500	0.00500	
Total Alkalinity	mg/m3	Every 6 months	6	553.00000	591.83333	631.00000	
Total Dissolved Solids	mg/m3	Every 6 months	6	4200.00000	4611.66667	5150.00000	
Total Hardness	mg/m3	Every 6 months	6	2040.00000	2155.00000	2270.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	6	0.30000	0.36667	0.50000	
Total Nitrogen	mg/m3	Every 6 months	6	0.30000	0.36667	0.50000	
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	

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 recurrence of the non-compliance
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No incidents for the last month