



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

Monthly Data Summary

AGL Macquarie - Bayswater Power Station

Environmental Protection License:EPL779

EPA Monitoring Point 3



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

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%	346.27	749.87	946.17	1500 mg/m3
SO2	mg/m3	Continuous when generating	100.00%	717.60	1,113.29	1,405.72	1700 mg/m3

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	100.00%	237.53	511.98	821.66	1500 mg/m3
SO2	mg/m3	Continuous when generating	100.00%	711.76	1,123.80	1,388.08	1700 mg/m3

Start Of Month	EndDate
01-May-25 12:00:00 AM	01-Jun-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%	282.03	553.23	987.90	1500 mg/m3
SO2	mg/m3	Continuous when generating	97.55%	969.14	1,196.88	1,566.28	1700 mg/m3

Start Of Month	EndDate
01-May-25 12:00:00 AM	01-Jun-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%	286.33	649.60	918.84	1500 mg/m3
SO2	mg/m3	Continuous when generating	100.00%	814.80	1,108.30	1,377.17	1700 mg/m3

Start Of Month	EndDate
01-May-25 12:00:00 AM	01-Jun-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	100.00%	314.81	710.97	956.83
SO2	mg/m3	Continuous when generating	100.00%	698.32	1,087.50	1,355.72

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



Pollutant	Unit of measure	Sampling Frequency	Sampling Performance	Lowest value	Mean Values	Highest value
NOx	mg/m3	Continuous when generating	100.00%	362.43	788.74	981.54
SO2	mg/m3	Continuous when generating	100.00%	737.86	1,139.14	1,459.18

Start Of Month	EndDate
01-May-25 12:00:00 AM	01-Jun-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 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	100.00%	245.96	507.68	897.17
SO2	mg/m3	Continuous when generating	100.00%	720.87	1,127.21	1,405.99

Start Of Month	EndDate
01-May-25 12:00:00 AM	01-Jun-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-May-25 12:00:00 AM	01-Jun-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%	229.32	516.38	843.81
SO2	mg/m3	Continuous when generating	100.00%	692.39	1,120.46	1,398.82

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-May-25 12:00:00 AM	01-Jun-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	98.16%	281.84	555.77	1,018.48
SO2	mg/m3	Continuous when generating	96.63%	284.80	1,198.01	1,566.44

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-May-25 12:00:00 AM	01-Jun-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	11.66%	5.95	771.30	974.19
SO2	mg/m3	Continuous when generating	10.74%	1,015.76	1,185.50	1,394.33

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	100.00%	75.97	628.67	928.51
SO2	mg/m3	Continuous when generating	95.69%	573.91	1,071.91	1,381.13

Start Of Month	EndDate
01-May-25 12:00:00 AM	01-Jun-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-May-25 12:00:00 AM	01-Jun-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%	292.89	652.29	908.95
SO2	mg/m3	Continuous when generating	100.00%	830.72	1,140.56	1,459.25

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-May-25 12:00:00 AM	01-Jun-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%	8926	350.74054	3095.60093	4076.00000	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%	8926	7.54000	8.07691	8.45000	9 pH units
Pollutant	Unit of measure	Sampling Frequency	Month Count Measure	Month Sum Measure			100th percentile concentration limits	
Volume	ML/d	Daily	29	162.00			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	3.87500	8.00000	30 mg/L
Volume	kL/d	Daily	31	1175.02795	1662.03640	2714.67725	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		0.00000	0.00000	0.00000



Start Of Month	EndDate▼
01-May-25 12:00:00 AM	01-Jun-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	30	4.96044	5.00687	5.15279	

Start Of Month	EndDate
01-May-25 12:00:00 AM	01-Jun-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	3002	2732.00000	2775.15765	2820.00000	
pH	pH units	Daily during discharge	13	8.01000	8.18077	8.27000	8.5 pH units
Suspended Solids	mg/L	Daily during discharge	13	2.50000	6.23077	12.00000	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%	335.54758	480.65062	592.62335	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-May-25 12:00:00 AM	01-Jun-25 12:00:00 AM



EPA Monitoring Point 25

Start Of Month	EndDate
01-May-25 12:00:00 AM	01-Jun-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%	4	0.95000	1.17750	1.47000	
Cadmium	mg/L	Weekly during discharge	0.00%	4	0.00005	0.00005	0.00005	
Conductivity	uS/cm	Continuous during discharge	0.00%	4	1740.00000	1922.25000	2180.00000	
Copper	mg/L	Weekly during discharge	0.00%	4	0.00050	0.00263	0.00400	
Iron	mg/L	Weekly during discharge	0.00%	4	0.18000	0.27000	0.41000	
Molybdenum	mg/L	Weekly during discharge	0.00%	4	0.06900	0.09375	0.11600	
Nickel	mg/L	Weekly during discharge	0.00%	4	0.00400	0.00425	0.00500	
pH	pH units	Weekly during discharge	0.00%	4	7.70000	8.05000	8.30000	
Silver	ma/l	Weekly during discharge	0.00%	4	0.00050	0.00263	0.00900	

EPA Monitoring Point 26

Pollutant	Unit of measure	Sampling Frequency	Month Count Measure	Month Sum Measure	100th percentile concentration limits
Volume	kL/d	Continuous	10	495,914.40	

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	6.87545	7.54000	
Ammonia	mg/m3	Every 6 months	11	0.58000	0.64818	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	0.00045	0.00150	
Barium	mg/m3	Every 6 months	11	0.00700	0.01009	0.02000	
Beryllium	mg/m3	Every 6 months	11	0.00400	0.00400	0.00400	
Boron	mg/m3	Every 6 months	11	2.96000	3.27636	3.73000	
Cadmium	mg/m3	Every 6 months	11	0.00030	0.00039	0.00060	
Calcium	mg/m3	Every 6 months	11	564.00000	595.00000	630.00000	
Chloride	mg/m3	Every 6 months	11	679.00000	738.27273	800.00000	
Chromium III	mg/m3	Every 6 months	12	0.00050	0.00413	0.00500	
Chromium VI	mg/m3	Every 6 months	12	0.00050	0.00350	0.00500	
Cobalt	mg/m3	Every 6 months	11	0.07500	0.08245	0.08600	
Copper	mg/m3	Every 6 months	11	0.00050	0.00314	0.00800	
Electrical Conductivity	mg/m3	Every 6 months	12	4770.00000	4945.00000	5100.00000	
Iron	mg/m3	Every 6 months	11	0.26000	0.43455	1.02000	
Lead	mg/m3	Every 6 months	11	0.00050	0.00055	0.00100	
Lithium	mg/m3	Every 6 months	11	0.44400	0.48827	0.57000	
Magnesium	mg/m3	Every 6 months	11	32.00000	34.90909	41.00000	
Manganese	mg/m3	Every 6 months	11	0.65400	0.69509	0.72500	
Mercury	mg/m3	Every 6 months	11	0.00002	0.00004	0.00005	
Molybdenum	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Nickel	mg/m3	Every 6 months	11	0.14700	0.15909	0.16800	
Nitrate	mg/m3	Every 6 months	11	0.00500	0.01136	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	0.01182	0.04000	
pH	mg/m3	Every 6 months	12	3.90000	4.00833	4.10000	
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	0.02318	0.12000	
Potassium	mg/m3	Every 6 months	11	21.00000	23.09091	25.00000	
Selenium	mg/m3	Every 6 months	11	0.00230	0.01116	0.04000	
Silver	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	11	485.00000	516.45455	554.00000	
Strontium dissolved	mg/m3	Every 6 months	11	0.31800	0.34064	0.39100	
Sulfate	mg/m3	Every 6 months	11	1760.00000	1951.81818	2170.00000	
Thalium	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Titanium	mg/m3	Every 6 months	11	0.00500	0.00545	0.01000	
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	3947.27273	4120.00000	
Total Hardness	mg/m3	Every 6 months	11	1540.00000	1628.18182	1710.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	11	0.70000	0.85455	1.10000	
Total Nitrogen	mg/m3	Every 6 months	11	0.70000	0.85455	1.10000	
Vanadium	mg/m3	Every 6 months	11	0.00500	0.00500	0.00500	
Zinc	mg/m3	Every 6 months	11	0.24500	0.26718	0.29000	

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	0.02000	0.05091	0.10000	
Ammonia	mg/m3	Every 6 months	11	0.11000	0.15273	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	0.02155	0.02400	
Beryllium	mg/m3	Every 6 months	11	0.00050	0.00091	0.00500	
Boron	mg/m3	Every 6 months	11	2.93000	3.23000	3.72000	
Cadmium	mg/m3	Every 6 months	11	0.00005	0.00009	0.00050	
Calcium	mg/m3	Every 6 months	11	284.00000	334.81818	378.00000	
Chloride	mg/m3	Every 6 months	11	446.00000	484.45455	557.00000	
Chromium III	mg/m3	Every 6 months	12	0.00050	0.00400	0.00500	
Chromium VI	mg/m3	Every 6 months	12	0.00050	0.00350	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	4190.00000	4773.33333	4990.00000	
Iron	mg/m3	Every 6 months	11	0.02500	0.05955	0.12000	
Lead	mg/m3	Every 6 months	11	0.00050	0.00064	0.00200	
Lithium	mg/m3	Every 6 months	11	0.09300	0.10400	0.11400	
Magnesium	mg/m3	Every 6 months	11	111.00000	137.00000	156.00000	
Manganese	mg/m3	Every 6 months	11	0.11900	0.14536	0.16800	
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	0.00500	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	6.83333	6.90000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	12	0.00500	0.01542	0.02000	
Phosphorus Total	mg/m3	Every 6 months	11	0.01000	0.03182	0.05000	
Potassium	mg/m3	Every 6 months	11	4.00000	4.18182	5.00000	
Selenium	mg/m3	Every 6 months	11	0.00010	0.00324	0.00500	
Silver	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	11	610.00000	663.45455	729.00000	
Strontium dissolved	mg/m3	Every 6 months	11	1.50000	1.96364	2.37000	
Sulfate	mg/m3	Every 6 months	11	1500.00000	1810.90909	2010.00000	
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	444.63636	481.00000	
Total Dissolved Solids	mg/m3	Every 6 months	11	3180.00000	3854.54545	4350.00000	
Total Hardness	mg/m3	Every 6 months	11	1170.00000	1400.90909	1500.00000	
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	0.43636	3.62000	
Ammonia	mg/m3	Every 6 months	11	0.09000	0.26909	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	0.00151	0.01150	
Arsenic V	mg/m3	Every 6 months	11	0.00025	0.00158	0.00370	
Barium	mg/m3	Every 6 months	11	0.01100	0.01791	0.05300	
Beryllium	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	11	0.16000	0.31909	0.57000	
Cadmium	mg/m3	Every 6 months	11	0.00005	0.00005	0.00010	
Calcium	mg/m3	Every 6 months	11	360.00000	409.72727	487.00000	
Chloride	mg/m3	Every 6 months	11	1410.00000	1726.36364	2240.00000	
Chromium III	mg/m3	Every 6 months	11	0.00050	0.00532	0.02000	
Chromium VI	mg/m3	Every 6 months	11	0.00050	0.00336	0.00500	
Cobalt	mg/m3	Every 6 months	11	0.13300	0.53245	0.84900	
Copper	mg/m3	Every 6 months	11	0.00050	0.00055	0.00100	
Electrical Conductivity	mg/m3	Every 6 months	11	10060.00000	10477.27273	11310.00000	
Iron	mg/m3	Every 6 months	11	3.79000	11.14545	44.80000	
Lead	mg/m3	Every 6 months	11	0.00050	0.00064	0.00200	
Lithium	mg/m3	Every 6 months	11	0.08900	0.12436	0.16600	
Magnesium	mg/m3	Every 6 months	11	256.00000	283.81818	323.00000	
Manganese	mg/m3	Every 6 months	11	1.73000	2.30636	3.12000	
Mercury	mg/m3	Every 6 months	11	0.00002	0.00004	0.00005	
Molybdenum	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Nickel	mg/m3	Every 6 months	11	0.09200	0.25791	0.38300	
Nitrate	mg/m3	Every 6 months	11	0.00500	0.01545	0.05000	
Nitrite	mg/m3	Every 6 months	11	0.00500	0.00500	0.00500	
Nitrite - Nitrate	mg/m3	Every 6 months	11	0.00500	0.01545	0.05000	
pH	mg/m3	Every 6 months	11	5.70000	6.01818	6.60000	
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	0.03000	0.05000	
Potassium	mg/m3	Every 6 months	11	4.00000	5.54545	7.00000	
Selenium	mg/m3	Every 6 months	11	0.00070	0.00377	0.00500	
Silver	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	11	1690.00000	1910.90909	2110.00000	
Strontium dissolved	mg/m3	Every 6 months	9	2.42000	2.84000	3.43000	
Sulfate	mg/m3	Every 6 months	11	3330.00000	3542.72727	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	130.90909	190.00000	
Total Dissolved Solids	mg/m3	Every 6 months	11	7780.00000	8566.36364	10600.00000	
Total Hardness	mg/m3	Every 6 months	11	1950.00000	2191.81818	2500.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	11	0.40000	0.60000	0.70000	
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	0.02500	0.13173	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	0.01636	0.08000	
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	0.00040	0.00100	
Arsenic V	mg/m3	Every 6 months	11	0.00025	0.00055	0.00130	
Barium	mg/m3	Every 6 months	11	0.01000	0.01264	0.01500	
Beryllium	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	11	1.95000	2.33364	2.66000	
Cadmium	mg/m3	Every 6 months	11	0.00005	0.00006	0.00020	
Calcium	mg/m3	Every 6 months	11	343.00000	375.18182	414.00000	
Chloride	mg/m3	Every 6 months	11	986.00000	1064.18182	1150.00000	
Chromium III	mg/m3	Every 6 months	12	0.00050	0.00388	0.00500	
Chromium VI	mg/m3	Every 6 months	12	0.00050	0.00350	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	7631.66667	8000.00000	
Iron	mg/m3	Every 6 months	11	0.16000	0.24364	0.40000	
Lead	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Lithium	mg/m3	Every 6 months	11	0.19400	0.23273	0.26200	
Magnesium	mg/m3	Every 6 months	11	253.00000	293.54545	320.00000	
Manganese	mg/m3	Every 6 months	11	0.13700	0.15982	0.17900	
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	0.01273	0.01500	
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	7.13333	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	0.04091	0.07000	
Potassium	mg/m3	Every 6 months	11	11.00000	12.00000	13.00000	
Selenium	mg/m3	Every 6 months	11	0.00010	0.00324	0.00500	
Silver	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	11	956.00000	1105.36364	1260.00000	
Strontium dissolved	mg/m3	Every 6 months	11	2.79000	3.10364	3.64000	
Sulfate	mg/m3	Every 6 months	11	2560.00000	2782.72727	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	368.63636	396.00000	
Total Dissolved Solids	mg/m3	Every 6 months	11	5930.00000	6430.90909	7390.00000	
Total Hardness	mg/m3	Every 6 months	11	2020.00000	2144.54545	2350.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	11	0.10000	0.22727	0.40000	
Total Nitrogen	mg/m3	Every 6 months	11	0.10000	0.22727	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	10	0.00500	0.04500	0.14000	
Ammonia	mg/m3	Every 6 months	10	0.14000	0.22300	0.33000	
Antimony	mg/m3	Every 6 months	10	0.00050	0.00050	0.00050	
Arsenic III	mg/m3	Every 6 months	10	0.00025	0.00025	0.00025	
Arsenic V	mg/m3	Every 6 months	10	0.00025	0.00045	0.00120	
Barium	mg/m3	Every 6 months	10	0.00500	0.00630	0.00800	
Beryllium	mg/m3	Every 6 months	10	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	10	4.42000	4.97000	5.49000	
Cadmium	mg/m3	Every 6 months	10	0.00010	0.00020	0.00030	
Calcium	mg/m3	Every 6 months	10	501.00000	533.70000	572.00000	
Chloride	mg/m3	Every 6 months	10	431.00000	482.60000	509.00000	
Chromium III	mg/m3	Every 6 months	10	0.00050	0.00365	0.00500	
Chromium VI	mg/m3	Every 6 months	10	0.00050	0.00320	0.00500	
Cobalt	mg/m3	Every 6 months	10	0.00050	0.00050	0.00050	
Copper	mg/m3	Every 6 months	10	0.00050	0.00050	0.00050	
Electrical Conductivity	mg/m3	Every 6 months	10	4630.00000	4936.00000	5130.00000	
Iron	mg/m3	Every 6 months	10	0.02500	0.13500	0.29000	
Lead	mg/m3	Every 6 months	10	0.00050	0.00050	0.00050	
Lithium	mg/m3	Every 6 months	10	0.28000	0.32460	0.42800	
Magnesium	mg/m3	Every 6 months	10	105.00000	121.80000	131.00000	
Manganese	mg/m3	Every 6 months	10	0.14800	0.18880	0.21200	
Mercury	mg/m3	Every 6 months	10	0.00002	0.00004	0.00005	
Molybdenum	mg/m3	Every 6 months	10	0.00100	0.00150	0.00200	
Nickel	mg/m3	Every 6 months	10	0.00900	0.01080	0.01200	
Nitrate	mg/m3	Every 6 months	10	0.00500	0.40700	4.00000	
Nitrite	mg/m3	Every 6 months	10	0.00500	0.00500	0.00500	
Nitrite - Nitrate	mg/m3	Every 6 months	10	0.00500	0.40700	4.00000	
pH	mg/m3	Every 6 months	10	6.70000	6.76000	6.90000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	10	0.00500	0.00500	0.00500	
Phosphorus Total	mg/m3	Every 6 months	10	0.00500	0.02550	0.05000	
Potassium	mg/m3	Every 6 months	10	16.00000	17.10000	19.00000	
Selenium	mg/m3	Every 6 months	10	0.00010	0.00304	0.00500	
Silver	mg/m3	Every 6 months	10	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	10	483.00000	573.60000	625.00000	
Strontium dissolved	mg/m3	Every 6 months	10	2.05000	2.28400	2.55000	
Sulfate	mg/m3	Every 6 months	10	2240.00000	2369.00000	2700.00000	
Thalium	mg/m3	Every 6 months	10	0.00050	0.00050	0.00050	
Titanium	mg/m3	Every 6 months	10	0.00500	0.00500	0.00500	
Total Alkalinity	mg/m3	Every 6 months	10	98.00000	109.70000	133.00000	
Total Dissolved Solids	mg/m3	Every 6 months	10	4100.00000	4321.00000	4510.00000	
Total Hardness	mg/m3	Every 6 months	10	1730.00000	1833.00000	1970.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	10	0.30000	0.37000	0.60000	
Total Nitrogen	mg/m3	Every 6 months	10	0.30000	0.77000	4.60000	
Vanadium	mg/m3	Every 6 months	10	0.00500	0.00500	0.00500	
Zinc	mg/m3	Every 6 months	10	0.00250	0.00325	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	0.04727	0.20000	
Ammonia	mg/m3	Every 6 months	11	0.03000	0.08364	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	0.00032	0.00070	
Barium	mg/m3	Every 6 months	11	0.00900	0.01027	0.01100	
Beryllium	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	11	0.37000	0.49091	0.74000	
Cadmium	mg/m3	Every 6 months	11	0.00005	0.00005	0.00005	
Calcium	mg/m3	Every 6 months	11	261.00000	294.00000	330.00000	
Chloride	mg/m3	Every 6 months	11	751.00000	801.45455	870.00000	
Chromium III	mg/m3	Every 6 months	12	0.00050	0.00388	0.00500	
Chromium VI	mg/m3	Every 6 months	12	0.00050	0.00350	0.00500	
Cobalt	mg/m3	Every 6 months	11	0.00050	0.00055	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	9880.00000	10230.00000	
Iron	mg/m3	Every 6 months	11	0.02500	0.13409	0.45000	
Lead	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Lithium	mg/m3	Every 6 months	11	0.10600	0.12382	0.16200	
Magnesium	mg/m3	Every 6 months	11	392.00000	458.36364	512.00000	
Manganese	mg/m3	Every 6 months	11	0.04200	0.07509	0.11600	
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	0.00400	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	12	0.00500	0.01125	0.03000	
Phosphorus Total	mg/m3	Every 6 months	11	0.00500	0.02682	0.05000	
Potassium	mg/m3	Every 6 months	11	8.00000	8.63636	10.00000	
Selenium	mg/m3	Every 6 months	11	0.00010	0.00323	0.00500	
Silver	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	11	1500.00000	1760.00000	2040.00000	
Strontium dissolved	mg/m3	Every 6 months	11	4.31000	5.51273	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	478.36364	516.00000	
Total Dissolved Solids	mg/m3	Every 6 months	11	8500.00000	8891.81818	9610.00000	
Total Hardness	mg/m3	Every 6 months	11	2320.00000	2620.00000	2930.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	11	0.05000	0.17727	0.30000	
Total Nitrogen	mg/m3	Every 6 months	11	0.05000	0.17727	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	0.08955	0.60000	
Ammonia	mg/m3	Every 6 months	11	0.00500	0.08136	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	0.00027	0.00050	
Barium	mg/m3	Every 6 months	11	0.01900	0.02545	0.04500	
Beryllium	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	11	0.18000	0.24636	0.38000	
Cadmium	mg/m3	Every 6 months	11	0.00005	0.00007	0.00020	
Calcium	mg/m3	Every 6 months	11	174.00000	195.72727	254.00000	
Chloride	mg/m3	Every 6 months	11	2860.00000	3258.18182	4350.00000	
Chromium III	mg/m3	Every 6 months	12	0.00050	0.00388	0.00500	
Chromium VI	mg/m3	Every 6 months	12	0.00050	0.00350	0.00500	
Cobalt	mg/m3	Every 6 months	11	0.00050	0.00064	0.00200	
Copper	mg/m3	Every 6 months	11	0.00050	0.00259	0.01500	
Electrical Conductivity	mg/m3	Every 6 months	12	10130.00000	11610.00000	13930.00000	
Iron	mg/m3	Every 6 months	11	0.02500	0.18182	0.76000	
Lead	mg/m3	Every 6 months	11	0.00050	0.00091	0.00400	
Lithium	mg/m3	Every 6 months	11	0.25800	0.31818	0.51100	
Magnesium	mg/m3	Every 6 months	11	246.00000	293.45455	411.00000	
Manganese	mg/m3	Every 6 months	11	0.00200	0.08309	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	0.31727	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	0.31727	0.78000	
pH	mg/m3	Every 6 months	12	6.90000	7.01667	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	0.04364	0.17000	
Potassium	mg/m3	Every 6 months	11	22.00000	23.45455	26.00000	
Selenium	mg/m3	Every 6 months	11	0.00020	0.00330	0.00500	
Silver	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	11	1970.00000	2092.72727	2400.00000	
Strontium dissolved	mg/m3	Every 6 months	10	2.91000	3.41900	4.45000	
Sulfate	mg/m3	Every 6 months	11	687.00000	930.45455	1190.00000	
Thalium	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Titanium	mg/m3	Every 6 months	11	0.00500	0.00500	0.00500	
Total Alkalinity	mg/m3	Every 6 months	11	800.00000	859.81818	1030.00000	
Total Dissolved Solids	mg/m3	Every 6 months	11	6800.00000	7469.09091	10800.00000	
Total Hardness	mg/m3	Every 6 months	11	1450.00000	1696.36364	2330.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	11	0.05000	0.24545	0.70000	
Total Nitrogen	mg/m3	Every 6 months	11	0.30000	0.54545	1.50000	
Vanadium	mg/m3	Every 6 months	11	0.00500	0.00500	0.00500	
Zinc	mg/m3	Every 6 months	11	0.00250	0.01205	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	0.25818	1.34000	
Ammonia	mg/m3	Every 6 months	11	0.01000	0.15091	1.18000	
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	0.00041	0.00100	
Barium	mg/m3	Every 6 months	11	0.00900	0.01300	0.03200	
Beryllium	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	11	1.84000	2.13000	2.50000	
Cadmium	mg/m3	Every 6 months	11	0.00005	0.00010	0.00020	
Calcium	mg/m3	Every 6 months	11	481.00000	522.81818	546.00000	
Chloride	mg/m3	Every 6 months	11	664.00000	750.27273	827.00000	
Chromium III	mg/m3	Every 6 months	12	0.00050	0.00400	0.00500	
Chromium VI	mg/m3	Every 6 months	12	0.00050	0.00350	0.00500	
Cobalt	mg/m3	Every 6 months	11	0.00200	0.00445	0.00900	
Copper	mg/m3	Every 6 months	11	0.00050	0.00095	0.00400	
Electrical Conductivity	mg/m3	Every 6 months	12	6220.00000	6856.66667	7360.00000	
Iron	mg/m3	Every 6 months	11	0.09000	0.48364	2.26000	
Lead	mg/m3	Every 6 months	11	0.00050	0.00082	0.00400	
Lithium	mg/m3	Every 6 months	11	0.23200	0.26455	0.31100	
Magnesium	mg/m3	Every 6 months	11	326.00000	343.36364	355.00000	
Manganese	mg/m3	Every 6 months	11	0.16200	0.24500	0.41800	
Mercury	mg/m3	Every 6 months	11	0.00002	0.00004	0.00005	
Molybdenum	mg/m3	Every 6 months	11	0.00050	0.00100	0.00200	
Nickel	mg/m3	Every 6 months	11	0.00900	0.01027	0.01500	
Nitrate	mg/m3	Every 6 months	11	0.00500	0.04591	0.27000	
Nitrite	mg/m3	Every 6 months	11	0.00500	0.01136	0.07000	
Nitrite - Nitrate	mg/m3	Every 6 months	11	0.00500	0.05318	0.34000	
pH	mg/m3	Every 6 months	12	6.40000	6.49000	6.60000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	11	0.02000	0.05909	0.36000	
Phosphorus Total	mg/m3	Every 6 months	11	0.05000	0.11455	0.41000	
Potassium	mg/m3	Every 6 months	11	13.00000	14.36364	16.00000	
Selenium	mg/m3	Every 6 months	11	0.00010	0.00325	0.00500	
Silver	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	11	763.00000	795.00000	843.00000	
Strontium dissolved	mg/m3	Every 6 months	11	3.16000	3.53000	3.84000	
Sulfate	mg/m3	Every 6 months	11	2970.00000	3157.27273	3360.00000	
Thalium	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Titanium	mg/m3	Every 6 months	11	0.00500	0.00545	0.01000	
Total Alkalinity	mg/m3	Every 6 months	11	197.00000	218.90909	233.00000	
Total Dissolved Solids	mg/m3	Every 6 months	11	5770.00000	6241.81818	7050.00000	
Total Hardness	mg/m3	Every 6 months	11	2600.00000	2718.18182	2810.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	11	0.05000	0.30455	1.20000	
Total Nitrogen	mg/m3	Every 6 months	11	0.05000	0.35000	1.50000	
Vanadium	mg/m3	Every 6 months	11	0.00500	0.00500	0.00500	
Zinc	mg/m3	Every 6 months	11	0.00250	0.00845	0.02800	

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	5	0.23000	3.37200	14.60000	
Ammonia	mg/m3	Every 6 months	5	6.16000	7.20600	7.90000	
Antimony	mg/m3	Every 6 months	5	0.00050	0.00410	0.00500	
Arsenic III	mg/m3	Every 6 months	5	0.00050	0.00210	0.00400	
Arsenic V	mg/m3	Every 6 months	5	0.00025	0.00205	0.00400	
Barium	mg/m3	Every 6 months	5	0.04000	0.06340	0.08800	
Beryllium	mg/m3	Every 6 months	5	0.00050	0.00410	0.00500	
Boron	mg/m3	Every 6 months	5	0.16000	0.29400	0.40000	
Cadmium	mg/m3	Every 6 months	5	0.00005	0.00041	0.00050	
Calcium	mg/m3	Every 6 months	5	56.00000	61.60000	68.00000	
Chloride	mg/m3	Every 6 months	5	6640.00000	6996.00000	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	5	0.00050	0.00410	0.00500	
Copper	mg/m3	Every 6 months	5	0.00100	0.00420	0.00500	
Electrical Conductivity	mg/m3	Every 6 months	7	24900.00000	26357.14286	27800.00000	
Iron	mg/m3	Every 6 months	5	0.52000	2.24800	5.15000	
Lead	mg/m3	Every 6 months	5	0.00200	0.00440	0.00500	
Lithium	mg/m3	Every 6 months	5	1.67000	1.87000	2.10000	
Magnesium	mg/m3	Every 6 months	5	39.00000	48.60000	70.00000	
Manganese	mg/m3	Every 6 months	5	0.05000	0.07600	0.10700	
Mercury	mg/m3	Every 6 months	5	0.00002	0.00004	0.00005	
Molybdenum	mg/m3	Every 6 months	5	0.00050	0.00410	0.00500	
Nickel	mg/m3	Every 6 months	5	0.00500	0.00540	0.00700	
Nitrate	mg/m3	Every 6 months	5	0.00500	0.06500	0.24000	
Nitrite	mg/m3	Every 6 months	5	0.00500	0.02200	0.08000	
Nitrite - Nitrate	mg/m3	Every 6 months	5	0.00500	0.08500	0.32000	
pH	mg/m3	Every 6 months	7	7.50000	7.64286	7.70000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	5	0.05000	0.06600	0.10000	
Phosphorus Total	mg/m3	Every 6 months	5	0.19000	0.22400	0.27000	
Potassium	mg/m3	Every 6 months	5	19.00000	20.40000	24.00000	
Selenium	mg/m3	Every 6 months	5	0.00020	0.02114	0.05000	
Silver	mg/m3	Every 6 months	5	0.00050	0.00410	0.00500	
Sodium	mg/m3	Every 6 months	5	5710.00000	6360.00000	7180.00000	
Strontium dissolved	mg/m3	Every 6 months	5	5.27000	5.59000	5.99000	
Sulfate	mg/m3	Every 6 months	5	3200.00000	3382.00000	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	5	1330.00000	1368.00000	1410.00000	
Total Dissolved Solids	mg/m3	Every 6 months	5	17000.00000	19420.00000	25500.00000	
Total Hardness	mg/m3	Every 6 months	5	316.00000	353.80000	428.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	5	7.10000	7.92000	8.90000	
Total Nitrogen	mg/m3	Every 6 months	5	7.10000	7.98000	9.20000	
Vanadium	mg/m3	Every 6 months	5	0.00500	0.04100	0.05000	
Zinc	mg/m3	Every 6 months	5	0.02000	0.02480	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	0.45667	0.52000	
Ammonia	mg/m3	Every 6 months	6	0.11000	0.15167	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	1.50000	1.57333	1.72000	
Cadmium	mg/m3	Every 6 months	6	0.00200	0.00218	0.00240	
Calcium	mg/m3	Every 6 months	6	468.00000	483.00000	498.00000	
Chloride	mg/m3	Every 6 months	6	769.00000	893.66667	1020.00000	
Chromium III	mg/m3	Every 6 months	8	0.00050	0.00331	0.00500	
Chromium VI	mg/m3	Every 6 months	8	0.00050	0.00331	0.00500	
Cobalt	mg/m3	Every 6 months	6	0.10200	0.10533	0.11100	
Copper	mg/m3	Every 6 months	6	0.00050	0.00083	0.00200	
Electrical Conductivity	mg/m3	Every 6 months	8	8150.00000	8672.50000	8930.00000	
Iron	mg/m3	Every 6 months	6	0.02500	0.03250	0.07000	
Lead	mg/m3	Every 6 months	6	0.00050	0.00050	0.00050	
Lithium	mg/m3	Every 6 months	6	0.52100	0.59383	0.68100	
Magnesium	mg/m3	Every 6 months	6	376.00000	393.16667	416.00000	
Manganese	mg/m3	Every 6 months	6	3.85000	4.05000	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	0.28400	0.29300	
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	0.07167	0.08000	
Phosphorus Total	mg/m3	Every 6 months	6	0.07000	0.09000	0.10000	
Potassium	mg/m3	Every 6 months	6	41.00000	45.33333	51.00000	
Selenium	mg/m3	Every 6 months	6	0.00010	0.00262	0.00500	
Silver	mg/m3	Every 6 months	6	0.00050	0.00075	0.00200	
Sodium	mg/m3	Every 6 months	6	1260.00000	1308.33333	1370.00000	
Strontium dissolved	mg/m3	Every 6 months	6	2.10000	2.24667	2.50000	
Sulfate	mg/m3	Every 6 months	6	3960.00000	4326.66667	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	41.00000	46.00000	
Total Dissolved Solids	mg/m3	Every 6 months	6	7290.00000	7850.00000	8400.00000	
Total Hardness	mg/m3	Every 6 months	6	2720.00000	2825.00000	2960.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	6	0.40000	0.43333	0.50000	
Total Nitrogen	mg/m3	Every 6 months	6	0.40000	0.43333	0.50000	
Vanadium	mg/m3	Every 6 months	6	0.00500	0.00500	0.00500	
Zinc	mg/m3	Every 6 months	6	0.10800	0.11917	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	0.02750	0.05000	
Ammonia	mg/m3	Every 6 months	6	0.14000	0.23500	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	0.00029	0.00050	
Barium	mg/m3	Every 6 months	6	0.01500	0.01583	0.01600	
Beryllium	mg/m3	Every 6 months	6	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	6	0.97000	1.02167	1.08000	
Cadmium	mg/m3	Every 6 months	6	0.00005	0.00005	0.00005	
Calcium	mg/m3	Every 6 months	6	518.00000	563.66667	595.00000	
Chloride	mg/m3	Every 6 months	6	331.00000	347.50000	373.00000	
Chromium III	mg/m3	Every 6 months	8	0.00050	0.00350	0.00500	
Chromium VI	mg/m3	Every 6 months	8	0.00050	0.00331	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	8	4570.00000	4941.25000	5230.00000	
Iron	mg/m3	Every 6 months	6	0.13000	0.18000	0.25000	
Lead	mg/m3	Every 6 months	6	0.00050	0.00050	0.00050	
Lithium	mg/m3	Every 6 months	6	0.20800	0.23050	0.24600	
Magnesium	mg/m3	Every 6 months	6	166.00000	180.33333	191.00000	
Manganese	mg/m3	Every 6 months	6	1.49000	1.63167	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	0.00233	0.00300	
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	6.97500	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	17.16667	19.00000	
Selenium	mg/m3	Every 6 months	6	0.00010	0.00260	0.00500	
Silver	mg/m3	Every 6 months	6	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	6	458.00000	499.66667	563.00000	
Strontium dissolved	mg/m3	Every 6 months	6	2.02000	2.46000	2.77000	
Sulfate	mg/m3	Every 6 months	6	2140.00000	2228.33333	2340.00000	
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	591.33333	631.00000	
Total Dissolved Solids	mg/m3	Every 6 months	6	4200.00000	4483.33333	4950.00000	
Total Hardness	mg/m3	Every 6 months	6	2040.00000	2150.00000	2270.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	6	0.30000	0.38333	0.50000	
Total Nitrogen	mg/m3	Every 6 months	6	0.30000	0.38333	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