



Start Of Month	EndDate
01-Aug-25 12:00:00 AM	01-Sep-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	99.87%	292.88	628.72	946.97	1500 mg/m3
SO2	mg/m3	Continuous when generating	99.87%	773.36	1,092.99	1,399.66	1700 mg/m3

Start Of Month	EndDate
01-Aug-25 12:00:00 AM	01-Sep-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	07/05/2025 09:54:00	0.00045	0.03 mg/m3
Chlorine	mg/m3	Every 6 months	18/02/2025 12:20:00	0.01137	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	07/05/2025 09:54:00	0.00180	0.03 mg/m3
Solid Particles	mg/m3	Quarterly	07/05/2025 09:54:00	15.00000	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	07/05/2025 09:54:00	0.02000	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	99.80%	217.37	567.94	772.86	1500 mg/m3
SO2	mg/m3	Continuous when generating	99.80%	779.88	1,035.89	1,382.71	1700 mg/m3

Start Of Month	EndDate
01-Aug-25 12:00:00 AM	01-Sep-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	06/05/2025 11:46:00	0.00050	0.03 mg/m3
Chlorine	mg/m3	Every 6 months	20/02/2025 11:22:00	0.01837	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	06/05/2025 11:46:00	0.00260	0.03 mg/m3
Solid Particles	mg/m3	Quarterly	06/05/2025 11:46:00	6.00000	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	06/05/2025 11:46:00	0.01500	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	99.72%	244.82	594.37	808.34	1500 mg/m3
SO2	mg/m3	Continuous when generating	99.86%	678.87	957.09	1,353.08	1700 mg/m3

Start Of Month	EndDate
01-Aug-25 12:00:00 AM	01-Sep-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	17/06/2025 10:06:00	0.00033	0.03 mg/m3
Chlorine	mg/m3	Every 6 months	19/02/2025 11:40:00	0.02250	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	17/06/2025 10:06:00	0.00330	0.03 mg/m3
Solid Particles	mg/m3	Quarterly	17/06/2025 10:06:00	15.00000	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	17/06/2025 10:06:00	0.01000	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	99.71%	305.24	568.64	724.49	1500 mg/m3
SO2	mg/m3	Continuous when generating	99.85%	684.05	1,035.62	1,336.39	1700 mg/m3

Start Of Month	EndDate
01-Aug-25 12:00:00 AM	01-Sep-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	07/05/2025 09:09:00	0.00050	0.03 mg/m3
Chlorine	mg/m3	Every 6 months	21/02/2025 11:34:00	0.07806	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	07/05/2025 09:09:00	0.00210	0.03 mg/m3
Solid Particles	mg/m3	Quarterly	07/05/2025 09:09:00	12.00000	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	07/05/2025 09:09:00	0.02000	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	99.87%	284.50	621.53	962.22
SO2	mg/m3	Continuous when generating	99.87%	756.61	1,062.75	1,344.95

Start Of Month	EndDate
01-Aug-25 12:00:00 AM	01-Sep-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	07/05/2025 09:54:00	0.00040
Chlorine	mg/m3	Every 6 months	2	18/02/2025 12:20:00	0.01137
CO2	%	Every 6 months	10	07/05/2025 09:54:00	10.30000
Fluorine	mg/m3	Every 6 months	2	18/02/2025 12:20:00	3.80000
Hydrogen Chloride	mg/m3	Every 6 months	2	18/02/2025 12:20:00	5.90000
Mercury	mg/m3	Every 6 months	4	07/05/2025 09:54:00	0.00120
Solid Particles	mg/m3	Quarterly	5	07/05/2025 09:54:00	28.00000
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months	1	18/02/2025 10:12:00	4.60000
Type 1&2 Substances	mg/m3	Every 6 months	4	07/05/2025 09:54:00	0.01150
Volatile Organic Compounds	mg/m3	Every 6 months	2	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	99.87%	300.61	635.93	932.46
SO2	mg/m3	Continuous when generating	99.87%	787.05	1,123.22	1,461.14

Start Of Month	EndDate
01-Aug-25 12:00:00 AM	01-Sep-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	07/05/2025 08:33:00	0.00050
CO2	%	Every 6 months	7	07/05/2025 08:33:00	10.80000
Mercury	mg/m3	Every 6 months	4	07/05/2025 08:33:00	0.00240
Solid Particles	mg/m3	Quarterly	5	07/05/2025 08:33:00	4.00000
Type 1&2 Substances	mg/m3	Every 6 months	4	07/05/2025 08:33:00	0.02500

EPA Monitoring Point 9



Pollutant	Unit of measure	Sampling Frequency	Sampling Performance	Lowest value	Mean Values	Highest value
NOx	mg/m3	Continuous when generating	99.80%	231.91	531.91	757.47
SO2	mg/m3	Continuous when generating	99.80%	704.25	989.20	1,381.58

Start Of Month	EndDate
01-Aug-25 12:00:00 AM	01-Sep-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	06/05/2025 09:09:00	0.00050
CO2	%	Every 6 months	5	08/05/2025 09:31:00	11.70000
Mercury	mg/m3	Every 6 months	3	06/05/2025 09:09:00	0.00240
Solid Particles	mg/m3	Quarterly	4	06/05/2025 09:09:00	5.80000
Type 1&2 Substances	mg/m3	Every 6 months	3	06/05/2025 09:09:00	0.01500

EPA Monitoring Point 10



Pollutant	Unit of measure	Sampling Frequency	Sampling Performance	Lowest value	Mean Values	Highest value
NOx	mg/m3	Continuous when generating	99.80%	190.36	604.04	898.41
SO2	mg/m3	Continuous when generating	99.80%	783.54	1,082.64	1,551.63

Start Of Month	EndDate
01-Aug-25 12:00:00 AM	01-Sep-25 12:00:00 AM

Pollutant	Unit of measure	Sampling Frequency	Count (12 Months)	Date of Last Sample	Latest Value
Antimony	mg/m3	Every 6 months	3	06/05/2025 11:44:00	0.00050
Cadmium	mg/m3	Every 6 months	3	06/05/2025 11:44:00	0.00050
Chlorine	mg/m3	Every 6 months	2	20/02/2025 11:22:00	0.01837
CO2	%	Every 6 months	9	08/05/2025 09:30:00	12.00000
Fluorine	mg/m3	Every 6 months	2	20/02/2025 11:22:00	3.80000
Hydrogen Chloride	mg/m3	Every 6 months	2	20/02/2025 11:22:00	4.50000
Mercury	mg/m3	Every 6 months	3	06/05/2025 11:44:00	0.00280
Solid Particles	mg/m3	Quarterly	4	06/05/2025 11:44:00	6.10000
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months	2	20/02/2025 09:22:00	5.50000
Type 1&2 Substances	mg/m3	Every 6 months	3	06/05/2025 11:44:00	0.01650
Volatile Organic Compounds	mg/m3	Every 6 months	2	20/02/2025 09:30:00	0.04000

EPA Monitoring Point 11



Start Of Month	EndDate
01-Aug-25 12:00:00 AM	01-Sep-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	99.72%	262.86	635.51	897.69
SO2	mg/m3	Continuous when generating	99.72%	651.75	928.62	1,272.22

Pollutant	Unit of measure	Sampling Frequency	Count (12 Months)	Date of Last Sample	Latest Value
Cadmium	mg/m3	Every 6 months	4	17/06/2025 10:06:00	0.00063
Chlorine	mg/m3	Every 6 months	2	19/02/2025 11:40:00	0.02250
CO2	%	Every 6 months	10	17/06/2025 10:06:00	12.00000
Fluorine	mg/m3	Every 6 months	2	19/02/2025 11:40:00	6.50000
Hydrogen Chloride	mg/m3	Every 6 months	2	19/02/2025 11:40:00	7.80000
Mercury	mg/m3	Every 6 months	4	17/06/2025 10:06:00	0.00290
Solid Particles	mg/m3	Quarterly	5	17/06/2025 10:06:00	2.80000
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months	2	19/02/2025 09:30:00	3.10000
Type 1&2 Substances	mg/m3	Every 6 months	4	17/06/2025 10:06:00	0.00950
Volatile Organic Compounds	mg/m3	Every 6 months	2	19/02/2025 09:46:00	0.04000

EPA Monitoring Point 12

Pollutant	Unit of measure	Sampling Frequency	Sampling Performance	Lowest value	Mean Values	Highest value
NOx	mg/m3	Continuous when generating	99.86%	215.11	553.15	815.29
SO2	mg/m3	Continuous when generating	99.86%	682.50	985.45	1,433.69



Start Of Month	EndDate
01-Aug-25 12:00:00 AM	01-Sep-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	17/06/2025 12:28:00	0.00011
CO2	%	Every 6 months	6	17/06/2025 12:28:00	11.50000
Mercury	mg/m3	Every 6 months	4	17/06/2025 12:28:00	0.00360
Solid Particles	mg/m3	Quarterly	5	17/06/2025 12:28:00	24.00000
Type 1&2 Substances	mg/m3	Every 6 months	4	17/06/2025 12:28:00	0.00650

EPA Monitoring Point 13



Pollutant	Unit of measure	Sampling Frequency	Sampling Performance	Lowest value	Mean Values	Highest value
NOx	mg/m3	Continuous when generating	99.85%	276.22	570.73	752.52
SO2	mg/m3	Continuous when generating	99.85%	654.51	1,019.60	1,336.84

Start Of Month	EndDate
01-Aug-25 12:00:00 AM	01-Sep-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	07/05/2025 11:46:00	0.00050
CO2	%	Every 6 months	6	07/05/2025 11:46:00	9.40000
Mercury	mg/m3	Every 6 months	4	07/05/2025 11:46:00	0.00190
Solid Particles	mg/m3	Quarterly	5	07/05/2025 11:46:00	6.50000
Type 1&2 Substances	mg/m3	Every 6 months	4	07/05/2025 11:46:00	0.02450

EPA Monitoring Point 14



Start Of Month	EndDate
01-Aug-25 12:00:00 AM	01-Sep-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	99.71%	330.24	566.45	719.50
SO2	mg/m3	Continuous when generating	99.85%	713.50	1,051.65	1,396.16

Pollutant	Unit of measure	Sampling Frequency	Count (12 Months)	Date of Last Sample	Latest measurement
Cadmium	mg/m3	Every 6 months	4	07/05/2025 12:40:00	0.00050
Chlorine	mg/m3	Every 6 months	2	21/02/2025 11:34:00	0.07806
CO2	%	Every 6 months	10	07/05/2025 12:40:00	10.00000
Fine Particulates PM10	mg/m3	Every 6 months	1	11/10/2024 10:34:00	6.30000
Fluorine	mg/m3	Every 6 months	2	21/02/2025 11:34:00	5.50000
Hydrogen Chloride	mg/m3	Every 6 months	2	21/02/2025 11:34:00	6.40000
Mercury	mg/m3	Every 6 months	4	07/05/2025 12:40:00	0.00220
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months	2	21/02/2025 09:34:00	3.10000
Type 1&2 Substances	mg/m3	Every 6 months	4	07/05/2025 12:40:00	0.01350
Volatile Organic Compounds	mg/m3	Every 6 months	2	21/02/2025 09:45:00	0.03500



EPA Monitoring Point 19

Start Of Month	EndDate
01-Aug-25 12:00:00 AM	01-Sep-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%	8923	181.00000	2993.91449	4115.00000	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%	8920	7.47000	8.28989	8.54000	9 pH units
Pollutant	Unit of measure	Sampling Frequency	Month Count Measure	Month Sum Measure			100th percentile concentration limits	
Volume	ML/d	Daily	30	146.00			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	1.25000	2.00000	10 mg/L
Suspended Solids	mg/L	Fortnightly	4	2.50000	3.87500	8.00000	30 mg/L
Volume	kL/d	Daily	31	496.65695	1071.73423	2785.90503	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-Aug-25 12:00:00 AM	01-Sep-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	5.00000	11.19783	48.84769	

Start Of Month	EndDate
01-Aug-25 12:00:00 AM	01-Sep-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	8028	85.00000	2685.84949	2720.00000	
pH	pH units	Daily during discharge	28	8.10000	8.22857	8.33000	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%	51.66690	309.83808	598.44641	700 ML/d

EPA Monitoring Point 24



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

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

Start Of Month	EndDate
01-Aug-25 12:00:00 AM	01-Sep-25 12:00:00 AM



EPA Monitoring Point 25

Start Of Month	EndDate
01-Aug-25 12:00:00 AM	01-Sep-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	1.31000	1.43750	1.75000	
Cadmium	mg/L	Weekly during discharge	0.00%	4	0.00005	0.00005	0.00005	
Conductivity	uS/cm	Continuous during discharge	0.00%	4	2120.00000	2255.00000	2470.00000	
Copper	mg/L	Weekly during discharge	0.00%	4	0.00050	0.00100	0.00200	
Iron	mg/L	Weekly during discharge	0.00%	4	0.28000	0.39750	0.61000	
Molybdenum	mg/L	Weekly during discharge	0.00%	4	0.11400	0.12575	0.13900	
Nickel	mg/L	Weekly during discharge	0.00%	4	0.00500	0.00625	0.00800	
pH	pH units	Weekly during discharge	0.00%	4	7.20000	7.77500	8.10000	
Silver	ma/l	Weekly during discharge	0.00%	4	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	10	242,352.00	

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	6.87909	7.54000	
Ammonia	mg/m3	Every 6 months	11	0.58000	0.65818	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	0.01027	0.02000	
Beryllium	mg/m3	Every 6 months	11	0.00400	0.00400	0.00400	
Boron	mg/m3	Every 6 months	11	2.98000	3.30909	3.73000	
Cadmium	mg/m3	Every 6 months	11	0.00030	0.00040	0.00060	
Calcium	mg/m3	Every 6 months	11	564.00000	598.00000	630.00000	
Chloride	mg/m3	Every 6 months	11	700.00000	746.00000	800.00000	
Chromium III	mg/m3	Every 6 months	12	0.00050	0.00375	0.00500	
Chromium VI	mg/m3	Every 6 months	12	0.00050	0.00313	0.00500	
Cobalt	mg/m3	Every 6 months	11	0.07500	0.08200	0.08600	
Copper	mg/m3	Every 6 months	11	0.00050	0.00323	0.00800	
Electrical Conductivity	uS/cm	Every 6 months	12	4770.00000	4954.16667	5100.00000	
Iron	mg/m3	Every 6 months	11	0.26000	0.46636	1.02000	
Lead	mg/m3	Every 6 months	11	0.00050	0.00055	0.00100	
Lithium	mg/m3	Every 6 months	11	0.44400	0.49036	0.57000	
Magnesium	mg/m3	Every 6 months	11	32.00000	35.00000	41.00000	
Manganese	mg/m3	Every 6 months	11	0.65400	0.69600	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	0.15864	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	4.00000	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	22.00000	23.27273	25.00000	
Selenium	mg/m3	Every 6 months	11	0.00150	0.01039	0.04000	
Silver	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	11	493.00000	520.90909	554.00000	
Strontium dissolved	mg/m3	Every 6 months	11	0.31800	0.34055	0.39100	
Sulfate	mg/m3	Every 6 months	11	1720.00000	1926.36364	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	3929.09091	4090.00000	
Total Hardness	mg/m3	Every 6 months	11	1540.00000	1636.36364	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	0.26564	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	0.04818	0.10000	
Ammonia	mg/m3	Every 6 months	11	0.11000	0.15091	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	0.00043	0.00090	
Barium	mg/m3	Every 6 months	11	0.01800	0.02100	0.02400	
Beryllium	mg/m3	Every 6 months	11	0.00050	0.00091	0.00500	
Boron	mg/m3	Every 6 months	11	2.93000	3.24455	3.72000	
Cadmium	mg/m3	Every 6 months	11	0.00005	0.00009	0.00050	
Calcium	mg/m3	Every 6 months	11	255.00000	323.63636	361.00000	
Chloride	mg/m3	Every 6 months	11	414.00000	478.54545	557.00000	
Chromium III	mg/m3	Every 6 months	12	0.00050	0.00363	0.00500	
Chromium VI	mg/m3	Every 6 months	12	0.00050	0.00313	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	uS/cm	Every 6 months	12	3990.00000	4726.66667	4990.00000	
Iron	mg/m3	Every 6 months	11	0.02500	0.05682	0.12000	
Lead	mg/m3	Every 6 months	11	0.00050	0.00064	0.00200	
Lithium	mg/m3	Every 6 months	11	0.08200	0.10300	0.11400	
Magnesium	mg/m3	Every 6 months	11	105.00000	134.72727	156.00000	
Manganese	mg/m3	Every 6 months	11	0.10700	0.13982	0.16600	
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	0.00482	0.00600	
Nitrate	mg/m3	Every 6 months	11	0.00500	0.07091	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	0.07318	0.62000	
pH	mg/m3	Every 6 months	12	6.70000	6.85833	7.00000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	11	0.00500	0.01636	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	0.00279	0.00500	
Silver	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	11	587.00000	661.36364	729.00000	
Strontium dissolved	mg/m3	Every 6 months	11	1.50000	1.91182	2.37000	
Sulfate	mg/m3	Every 6 months	11	949.00000	1719.00000	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	449.36364	501.00000	
Total Dissolved Solids	mg/m3	Every 6 months	11	2870.00000	3720.00000	4290.00000	
Total Hardness	mg/m3	Every 6 months	11	1070.00000	1363.63636	1500.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	11	0.20000	0.39091	0.90000	
Total Nitrogen	mg/m3	Every 6 months	11	0.20000	0.45455	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	12	0.06000	0.41500	3.62000	
Ammonia	mg/m3	Every 6 months	12	0.09000	0.27417	0.42000	
Antimony	mg/m3	Every 6 months	12	0.00050	0.00050	0.00050	
Arsenic III	mg/m3	Every 6 months	12	0.00025	0.00143	0.01150	
Arsenic V	mg/m3	Every 6 months	12	0.00025	0.00155	0.00370	
Barium	mg/m3	Every 6 months	12	0.01100	0.01733	0.05300	
Beryllium	mg/m3	Every 6 months	12	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	12	0.16000	0.30583	0.57000	
Cadmium	mg/m3	Every 6 months	12	0.00005	0.00005	0.00010	
Calcium	mg/m3	Every 6 months	12	360.00000	407.16667	487.00000	
Chloride	mg/m3	Every 6 months	12	1410.00000	1715.83333	2240.00000	
Chromium III	mg/m3	Every 6 months	12	0.00050	0.00492	0.02000	
Chromium VI	mg/m3	Every 6 months	12	0.00050	0.00313	0.00500	
Cobalt	mg/m3	Every 6 months	12	0.13300	0.51325	0.84900	
Copper	mg/m3	Every 6 months	12	0.00050	0.00054	0.00100	
Electrical Conductivity	uS/cm	Every 6 months	12	10060.00000	10460.83333	11310.00000	
Iron	mg/m3	Every 6 months	12	3.79000	11.43333	44.80000	
Lead	mg/m3	Every 6 months	12	0.00050	0.00063	0.00200	
Lithium	mg/m3	Every 6 months	12	0.08900	0.12150	0.16600	
Magnesium	mg/m3	Every 6 months	12	256.00000	281.66667	323.00000	
Manganese	mg/m3	Every 6 months	12	1.73000	2.27750	3.12000	
Mercury	mg/m3	Every 6 months	12	0.00002	0.00004	0.00005	
Molybdenum	mg/m3	Every 6 months	12	0.00050	0.00050	0.00050	
Nickel	mg/m3	Every 6 months	12	0.09200	0.25208	0.38300	
Nitrate	mg/m3	Every 6 months	12	0.00500	0.01458	0.05000	
Nitrite	mg/m3	Every 6 months	12	0.00500	0.00500	0.00500	
Nitrite - Nitrate	mg/m3	Every 6 months	12	0.00500	0.01458	0.05000	
pH	mg/m3	Every 6 months	12	5.70000	6.00833	6.60000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	12	0.00500	0.00500	0.00500	
Phosphorus Total	mg/m3	Every 6 months	12	0.00500	0.02833	0.05000	
Potassium	mg/m3	Every 6 months	12	4.00000	5.50000	7.00000	
Selenium	mg/m3	Every 6 months	12	0.00070	0.00353	0.00500	
Silver	mg/m3	Every 6 months	12	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	12	1690.00000	1895.83333	2110.00000	
Strontium dissolved	mg/m3	Every 6 months	10	2.42000	2.82700	3.43000	
Sulfate	mg/m3	Every 6 months	12	3330.00000	3548.33333	4040.00000	
Thalium	mg/m3	Every 6 months	12	0.00050	0.00050	0.00050	
Titanium	mg/m3	Every 6 months	12	0.00500	0.00625	0.02000	
Total Alkalinity	mg/m3	Every 6 months	12	84.00000	129.66667	190.00000	
Total Dissolved Solids	mg/m3	Every 6 months	12	7780.00000	8541.66667	10600.00000	
Total Hardness	mg/m3	Every 6 months	12	1950.00000	2176.66667	2500.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	12	0.40000	0.60000	0.70000	
Total Nitrogen	mg/m3	Every 6 months	12	0.40000	0.60833	0.80000	
Vanadium	mg/m3	Every 6 months	12	0.00500	0.00500	0.00500	
Zinc	mg/m3	Every 6 months	12	0.02500	0.12817	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	0.12045	1.15000	
Ammonia	mg/m3	Every 6 months	11	0.04000	0.08182	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	0.00059	0.00130	
Barium	mg/m3	Every 6 months	11	0.01000	0.01291	0.01600	
Beryllium	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	11	2.16000	2.36364	2.66000	
Cadmium	mg/m3	Every 6 months	11	0.00005	0.00006	0.00020	
Calcium	mg/m3	Every 6 months	11	343.00000	374.90909	414.00000	
Chloride	mg/m3	Every 6 months	11	986.00000	1055.09091	1140.00000	
Chromium III	mg/m3	Every 6 months	12	0.00050	0.00354	0.00500	
Chromium VI	mg/m3	Every 6 months	12	0.00050	0.00313	0.00500	
Cobalt	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Copper	mg/m3	Every 6 months	11	0.00050	0.00064	0.00200	
Electrical Conductivity	uS/cm	Every 6 months	12	7320.00000	7652.50000	8000.00000	
Iron	mg/m3	Every 6 months	11	0.16000	0.34364	1.33000	
Lead	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Lithium	mg/m3	Every 6 months	11	0.21900	0.23518	0.26200	
Magnesium	mg/m3	Every 6 months	11	265.00000	297.81818	320.00000	
Manganese	mg/m3	Every 6 months	11	0.13700	0.16118	0.18000	
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	0.01291	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	7.10000	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	0.04636	0.08000	
Potassium	mg/m3	Every 6 months	11	11.00000	11.90909	13.00000	
Selenium	mg/m3	Every 6 months	11	0.00010	0.00279	0.00500	
Silver	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	11	993.00000	1118.45455	1260.00000	
Strontium dissolved	mg/m3	Every 6 months	11	2.79000	3.14909	3.64000	
Sulfate	mg/m3	Every 6 months	11	2560.00000	2773.63636	3000.00000	
Thalium	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Titanium	mg/m3	Every 6 months	11	0.00500	0.00636	0.02000	
Total Alkalinity	mg/m3	Every 6 months	11	339.00000	369.00000	396.00000	
Total Dissolved Solids	mg/m3	Every 6 months	11	5820.00000	6288.18182	6750.00000	
Total Hardness	mg/m3	Every 6 months	11	2030.00000	2161.81818	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	0.00291	0.00700	

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	11	0.00500	0.04273	0.14000	
Ammonia	mg/m3	Every 6 months	11	0.14000	0.23091	0.33000	
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	0.00050	0.00120	
Barium	mg/m3	Every 6 months	11	0.00500	0.00627	0.00800	
Beryllium	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	11	4.42000	4.97364	5.49000	
Cadmium	mg/m3	Every 6 months	11	0.00010	0.00020	0.00030	
Calcium	mg/m3	Every 6 months	11	501.00000	533.36364	572.00000	
Chloride	mg/m3	Every 6 months	11	431.00000	481.90909	509.00000	
Chromium III	mg/m3	Every 6 months	11	0.00050	0.00336	0.00500	
Chromium VI	mg/m3	Every 6 months	11	0.00050	0.00295	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	uS/cm	Every 6 months	11	4630.00000	4928.18182	5130.00000	
Iron	mg/m3	Every 6 months	11	0.02500	0.14636	0.29000	
Lead	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Lithium	mg/m3	Every 6 months	11	0.28000	0.32145	0.42800	
Magnesium	mg/m3	Every 6 months	11	105.00000	121.45455	131.00000	
Manganese	mg/m3	Every 6 months	11	0.14800	0.19218	0.22600	
Mercury	mg/m3	Every 6 months	11	0.00002	0.00004	0.00005	
Molybdenum	mg/m3	Every 6 months	11	0.00100	0.00155	0.00200	
Nickel	mg/m3	Every 6 months	11	0.00900	0.01082	0.01200	
Nitrate	mg/m3	Every 6 months	11	0.00500	0.37045	4.00000	
Nitrite	mg/m3	Every 6 months	11	0.00500	0.00500	0.00500	
Nitrite - Nitrate	mg/m3	Every 6 months	11	0.00500	0.37045	4.00000	
pH	mg/m3	Every 6 months	11	6.70000	6.75455	6.90000	
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	0.02591	0.05000	
Potassium	mg/m3	Every 6 months	11	16.00000	17.00000	19.00000	
Selenium	mg/m3	Every 6 months	11	0.00010	0.00277	0.00500	
Silver	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	11	483.00000	569.45455	625.00000	
Strontium dissolved	mg/m3	Every 6 months	11	2.05000	2.28364	2.55000	
Sulfate	mg/m3	Every 6 months	11	2240.00000	2366.36364	2700.00000	
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	98.00000	109.09091	133.00000	
Total Dissolved Solids	mg/m3	Every 6 months	11	4070.00000	4298.18182	4510.00000	
Total Hardness	mg/m3	Every 6 months	11	1730.00000	1830.90909	1970.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	11	0.30000	0.37273	0.60000	
Total Nitrogen	mg/m3	Every 6 months	11	0.30000	0.73636	4.60000	
Vanadium	mg/m3	Every 6 months	11	0.00500	0.00500	0.00500	
Zinc	mg/m3	Every 6 months	11	0.00250	0.00368	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	0.04000	0.20000	
Ammonia	mg/m3	Every 6 months	11	0.03000	0.08091	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	0.01009	0.01100	
Beryllium	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	11	0.38000	0.50545	0.74000	
Cadmium	mg/m3	Every 6 months	11	0.00005	0.00005	0.00005	
Calcium	mg/m3	Every 6 months	11	261.00000	293.18182	330.00000	
Chloride	mg/m3	Every 6 months	11	751.00000	794.72727	870.00000	
Chromium III	mg/m3	Every 6 months	12	0.00050	0.00350	0.00500	
Chromium VI	mg/m3	Every 6 months	12	0.00050	0.00313	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	uS/cm	Every 6 months	12	9290.00000	9949.16667	10230.00000	
Iron	mg/m3	Every 6 months	11	0.02500	0.11318	0.45000	
Lead	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Lithium	mg/m3	Every 6 months	11	0.10600	0.12436	0.16200	
Magnesium	mg/m3	Every 6 months	11	392.00000	458.09091	512.00000	
Manganese	mg/m3	Every 6 months	11	0.03000	0.06727	0.10700	
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	0.00682	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	0.00682	0.02000	
pH	mg/m3	Every 6 months	12	7.20000	7.28083	7.40000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	11	0.00500	0.01045	0.03000	
Phosphorus Total	mg/m3	Every 6 months	11	0.00500	0.02500	0.05000	
Potassium	mg/m3	Every 6 months	11	8.00000	8.63636	10.00000	
Selenium	mg/m3	Every 6 months	11	0.00010	0.00278	0.00500	
Silver	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	11	1500.00000	1761.81818	2040.00000	
Strontium dissolved	mg/m3	Every 6 months	11	4.31000	5.53545	6.61000	
Sulfate	mg/m3	Every 6 months	11	4240.00000	4612.72727	5340.00000	
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	476.45455	516.00000	
Total Dissolved Solids	mg/m3	Every 6 months	11	8500.00000	8854.54545	9200.00000	
Total Hardness	mg/m3	Every 6 months	11	2320.00000	2617.27273	2930.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	11	0.05000	0.18636	0.30000	
Total Nitrogen	mg/m3	Every 6 months	11	0.05000	0.18636	0.30000	
Vanadium	mg/m3	Every 6 months	11	0.00500	0.00500	0.00500	
Zinc	mg/m3	Every 6 months	11	0.00250	0.00282	0.00600	

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	0.32409	3.18000	
Ammonia	mg/m3	Every 6 months	11	0.01000	0.08727	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	0.02745	0.05100	
Beryllium	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	11	0.14000	0.22455	0.30000	
Cadmium	mg/m3	Every 6 months	11	0.00005	0.00010	0.00050	
Calcium	mg/m3	Every 6 months	11	174.00000	196.36364	254.00000	
Chloride	mg/m3	Every 6 months	11	2860.00000	3286.36364	4350.00000	
Chromium III	mg/m3	Every 6 months	12	0.00050	0.00413	0.00800	
Chromium VI	mg/m3	Every 6 months	12	0.00050	0.00313	0.00500	
Cobalt	mg/m3	Every 6 months	11	0.00050	0.00086	0.00300	
Copper	mg/m3	Every 6 months	11	0.00050	0.00405	0.01800	
Electrical Conductivity	uS/cm	Every 6 months	12	11070.00000	11757.50000	13930.00000	
Iron	mg/m3	Every 6 months	11	0.02500	0.58000	5.14000	
Lead	mg/m3	Every 6 months	11	0.00050	0.00127	0.00800	
Lithium	mg/m3	Every 6 months	11	0.24900	0.31682	0.51100	
Magnesium	mg/m3	Every 6 months	11	264.00000	295.09091	411.00000	
Manganese	mg/m3	Every 6 months	11	0.00200	0.08945	0.56600	
Mercury	mg/m3	Every 6 months	11	0.00002	0.00004	0.00005	
Molybdenum	mg/m3	Every 6 months	11	0.00200	0.00300	0.00400	
Nickel	mg/m3	Every 6 months	11	0.00400	0.00545	0.01200	
Nitrate	mg/m3	Every 6 months	11	0.14000	0.47727	2.20000	
Nitrite	mg/m3	Every 6 months	11	0.00500	0.00500	0.00500	
Nitrite - Nitrate	mg/m3	Every 6 months	11	0.14000	0.47727	2.20000	
pH	mg/m3	Every 6 months	12	6.90000	7.03333	7.20000	
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	0.04909	0.23000	
Potassium	mg/m3	Every 6 months	11	22.00000	23.27273	26.00000	
Selenium	mg/m3	Every 6 months	11	0.00020	0.00289	0.00500	
Silver	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	11	1880.00000	2080.90909	2400.00000	
Strontium dissolved	mg/m3	Every 6 months	10	2.91000	3.43900	4.45000	
Sulfate	mg/m3	Every 6 months	11	687.00000	946.72727	1190.00000	
Thalium	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Titanium	mg/m3	Every 6 months	11	0.00500	0.00818	0.04000	
Total Alkalinity	mg/m3	Every 6 months	11	800.00000	862.27273	1030.00000	
Total Dissolved Solids	mg/m3	Every 6 months	11	6800.00000	7434.54545	10800.00000	
Total Hardness	mg/m3	Every 6 months	11	1540.00000	1704.54545	2330.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	11	0.05000	0.31364	0.80000	
Total Nitrogen	mg/m3	Every 6 months	11	0.30000	0.78182	3.00000	
Vanadium	mg/m3	Every 6 months	11	0.00500	0.00500	0.00500	
Zinc	mg/m3	Every 6 months	11	0.00250	0.01568	0.05900	

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	uS/cm	Every 6 months					
Iron	mg/m3	Every 6 months					
Lead	mg/m3	Every 6 months					
Lithium	mg/m3	Every 6 months					
Magnesium	mg/m3	Every 6 months					
Manganese	mg/m3	Every 6 months					
Mercury	mg/m3	Every 6 months					
Molybdenum	mg/m3	Every 6 months					
Nickel	mg/m3	Every 6 months					
Nitrate	mg/m3	Every 6 months					
Nitrite	mg/m3	Every 6 months					
Nitrite - Nitrate	mg/m3	Every 6 months					
pH	mg/m3	Every 6 months					
Phosphorus Dissolved Reactive	mg/m3	Every 6 months					
Phosphorus Total	mg/m3	Every 6 months					
Potassium	mg/m3	Every 6 months					
Selenium	mg/m3	Every 6 months					
Silver	mg/m3	Every 6 months					
Sodium	mg/m3	Every 6 months					
Strontium dissolved	mg/m3	Every 6 months					
Sulfate	mg/m3	Every 6 months					
Thalium	mg/m3	Every 6 months					
Titanium	mg/m3	Every 6 months					
Total Alkalinity	mg/m3	Every 6 months					
Total Dissolved Solids	mg/m3	Every 6 months					
Total Hardness	mg/m3	Every 6 months					
Total Kjeldahl Nitrogen	mg/m3	Every 6 months					
Total Nitrogen	mg/m3	Every 6 months					
Vanadium	mg/m3	Every 6 months					
Zinc	mg/m3	Every 6 months					

EPA Monitoring Point 35

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	0.18545	0.70000	
Ammonia	mg/m3	Every 6 months	11	0.01000	0.16000	1.18000	
Antimony	mg/m3	Every 6 months	11	0.00050	0.00055	0.00100	
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	0.01136	0.01400	
Beryllium	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	11	1.91000	2.16000	2.50000	
Cadmium	mg/m3	Every 6 months	11	0.00005	0.00010	0.00020	
Calcium	mg/m3	Every 6 months	11	481.00000	522.45455	546.00000	
Chloride	mg/m3	Every 6 months	11	660.00000	739.36364	827.00000	
Chromium III	mg/m3	Every 6 months	12	0.00050	0.00367	0.00500	
Chromium VI	mg/m3	Every 6 months	12	0.00050	0.00313	0.00500	
Cobalt	mg/m3	Every 6 months	11	0.00200	0.00382	0.00600	
Copper	mg/m3	Every 6 months	11	0.00050	0.00064	0.00200	
Electrical Conductivity	uS/cm	Every 6 months	12	6440.00000	6887.50000	7360.00000	
Iron	mg/m3	Every 6 months	11	0.09000	0.37091	1.02000	
Lead	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Lithium	mg/m3	Every 6 months	11	0.23200	0.26291	0.31100	
Magnesium	mg/m3	Every 6 months	11	326.00000	343.00000	355.00000	
Manganese	mg/m3	Every 6 months	11	0.16200	0.22455	0.33700	
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	0.00973	0.01000	
Nitrate	mg/m3	Every 6 months	11	0.00500	0.03545	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	0.04273	0.34000	
pH	mg/m3	Every 6 months	12	6.40000	6.49833	6.60000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	11	0.02000	0.06091	0.36000	
Phosphorus Total	mg/m3	Every 6 months	11	0.05000	0.09636	0.41000	
Potassium	mg/m3	Every 6 months	11	13.00000	14.36364	16.00000	
Selenium	mg/m3	Every 6 months	11	0.00010	0.00280	0.00500	
Silver	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	11	763.00000	790.72727	818.00000	
Strontium dissolved	mg/m3	Every 6 months	11	3.16000	3.51636	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	0.00545	0.01000	
Total Alkalinity	mg/m3	Every 6 months	11	197.00000	220.72727	233.00000	
Total Dissolved Solids	mg/m3	Every 6 months	11	5660.00000	6115.45455	6850.00000	
Total Hardness	mg/m3	Every 6 months	11	2600.00000	2716.36364	2810.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	11	0.05000	0.27727	1.20000	
Total Nitrogen	mg/m3	Every 6 months	11	0.05000	0.31364	1.50000	
Vanadium	mg/m3	Every 6 months	11	0.00500	0.00500	0.00500	
Zinc	mg/m3	Every 6 months	11	0.00250	0.00764	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	6	0.23000	3.19500	14.60000	
Ammonia	mg/m3	Every 6 months	6	6.16000	7.29000	7.90000	
Antimony	mg/m3	Every 6 months	6	0.00200	0.00450	0.00500	
Arsenic III	mg/m3	Every 6 months	6	0.00050	0.00242	0.00400	
Arsenic V	mg/m3	Every 6 months	6	0.00090	0.00248	0.00400	
Barium	mg/m3	Every 6 months	6	0.04000	0.07350	0.13500	
Beryllium	mg/m3	Every 6 months	6	0.00050	0.00425	0.00500	
Boron	mg/m3	Every 6 months	6	0.16000	0.29500	0.40000	
Cadmium	mg/m3	Every 6 months	6	0.00020	0.00045	0.00050	
Calcium	mg/m3	Every 6 months	6	46.00000	58.33333	68.00000	
Chloride	mg/m3	Every 6 months	6	6490.00000	7095.00000	7920.00000	
Chromium III	mg/m3	Every 6 months	8	0.00500	0.00575	0.01000	
Chromium VI	mg/m3	Every 6 months	8	0.00050	0.00275	0.00500	
Cobalt	mg/m3	Every 6 months	6	0.00300	0.00467	0.00500	
Copper	mg/m3	Every 6 months	6	0.00500	0.00583	0.01000	
Electrical Conductivity	uS/cm	Every 6 months	8	23400.00000	26162.50000	27800.00000	
Iron	mg/m3	Every 6 months	6	0.52000	2.68333	5.15000	
Lead	mg/m3	Every 6 months	6	0.00400	0.00483	0.00500	
Lithium	mg/m3	Every 6 months	6	1.67000	1.88333	2.10000	
Magnesium	mg/m3	Every 6 months	6	37.00000	41.66667	52.00000	
Manganese	mg/m3	Every 6 months	6	0.05000	0.07550	0.10800	
Mercury	mg/m3	Every 6 months	6	0.00002	0.00003	0.00005	
Molybdenum	mg/m3	Every 6 months	6	0.00200	0.00450	0.00500	
Nickel	mg/m3	Every 6 months	6	0.00500	0.00600	0.01100	
Nitrate	mg/m3	Every 6 months	6	0.00500	0.05417	0.24000	
Nitrite	mg/m3	Every 6 months	6	0.00500	0.05917	0.25000	
Nitrite - Nitrate	mg/m3	Every 6 months	6	0.00500	0.09667	0.32000	
pH	mg/m3	Every 6 months	8	7.50000	7.61250	7.70000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	6	0.05000	0.06000	0.10000	
Phosphorus Total	mg/m3	Every 6 months	6	0.13000	0.20833	0.27000	
Potassium	mg/m3	Every 6 months	6	18.00000	20.00000	24.00000	
Selenium	mg/m3	Every 6 months	6	0.00020	0.01712	0.05000	
Silver	mg/m3	Every 6 months	6	0.00050	0.00425	0.00500	
Sodium	mg/m3	Every 6 months	6	5480.00000	6115.00000	7180.00000	
Strontium dissolved	mg/m3	Every 6 months	6	4.86000	5.39167	5.99000	
Sulfate	mg/m3	Every 6 months	6	2840.00000	3246.66667	3640.00000	
Thalium	mg/m3	Every 6 months	6	0.00050	0.00425	0.00500	
Titanium	mg/m3	Every 6 months	6	0.05000	0.05000	0.05000	
Total Alkalinity	mg/m3	Every 6 months	6	1140.00000	1335.00000	1410.00000	
Total Dissolved Solids	mg/m3	Every 6 months	6	15400.00000	18716.66667	25500.00000	
Total Hardness	mg/m3	Every 6 months	6	267.00000	317.00000	366.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	6	7.00000	7.76667	8.90000	
Total Nitrogen	mg/m3	Every 6 months	6	7.00000	7.85000	9.20000	
Vanadium	mg/m3	Every 6 months	6	0.00500	0.04250	0.05000	
Zinc	mg/m3	Every 6 months	6	0.02600	0.02900	0.04400	

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	0.44667	0.46000	
Ammonia	mg/m3	Every 6 months	6	0.11000	0.18333	0.31000	
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	0.00042	0.00080	
Barium	mg/m3	Every 6 months	6	0.01000	0.01117	0.01200	
Beryllium	mg/m3	Every 6 months	6	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	6	1.30000	1.50333	1.57000	
Cadmium	mg/m3	Every 6 months	6	0.00200	0.00213	0.00230	
Calcium	mg/m3	Every 6 months	6	468.00000	481.66667	490.00000	
Chloride	mg/m3	Every 6 months	6	769.00000	853.16667	925.00000	
Chromium III	mg/m3	Every 6 months	8	0.00050	0.00275	0.00500	
Chromium VI	mg/m3	Every 6 months	8	0.00050	0.00275	0.00500	
Cobalt	mg/m3	Every 6 months	6	0.10200	0.10450	0.10800	
Copper	mg/m3	Every 6 months	6	0.00050	0.00058	0.00100	
Electrical Conductivity	uS/cm	Every 6 months	8	8150.00000	8616.25000	8930.00000	
Iron	mg/m3	Every 6 months	6	0.02500	0.03417	0.08000	
Lead	mg/m3	Every 6 months	6	0.00050	0.00050	0.00050	
Lithium	mg/m3	Every 6 months	6	0.52100	0.56900	0.62800	
Magnesium	mg/m3	Every 6 months	6	376.00000	388.16667	397.00000	
Manganese	mg/m3	Every 6 months	6	3.84000	4.01833	4.21000	
Mercury	mg/m3	Every 6 months	6	0.00002	0.00003	0.00005	
Molybdenum	mg/m3	Every 6 months	6	0.00050	0.00050	0.00050	
Nickel	mg/m3	Every 6 months	6	0.27500	0.28367	0.29100	
Nitrate	mg/m3	Every 6 months	6	0.00500	0.00500	0.00500	
Nitrite	mg/m3	Every 6 months	6	0.00500	0.00500	0.00500	
Nitrite - Nitrate	mg/m3	Every 6 months	6	0.00500	0.00500	0.00500	
pH	mg/m3	Every 6 months	8	5.40000	5.40000	5.40000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	6	0.07000	0.07333	0.08000	
Phosphorus Total	mg/m3	Every 6 months	6	0.07000	0.08500	0.10000	
Potassium	mg/m3	Every 6 months	6	41.00000	44.33333	46.00000	
Selenium	mg/m3	Every 6 months	6	0.00010	0.00182	0.00500	
Silver	mg/m3	Every 6 months	6	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	6	1260.00000	1291.66667	1320.00000	
Strontium dissolved	mg/m3	Every 6 months	6	2.10000	2.27667	2.54000	
Sulfate	mg/m3	Every 6 months	6	3940.00000	4266.66667	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	41.33333	46.00000	
Total Dissolved Solids	mg/m3	Every 6 months	6	7290.00000	7691.66667	8040.00000	
Total Hardness	mg/m3	Every 6 months	6	2720.00000	2800.00000	2820.00000	
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	0.11733	0.12800	

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	0.03917	0.08000	
Ammonia	mg/m3	Every 6 months	6	0.14000	0.24667	0.50000	
Antimony	mg/m3	Every 6 months	6	0.00050	0.00058	0.00100	
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	0.01400	0.01550	0.01600	
Beryllium	mg/m3	Every 6 months	6	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	6	0.89000	1.00667	1.08000	
Cadmium	mg/m3	Every 6 months	6	0.00005	0.00005	0.00005	
Calcium	mg/m3	Every 6 months	6	507.00000	552.00000	595.00000	
Chloride	mg/m3	Every 6 months	6	314.00000	344.66667	373.00000	
Chromium III	mg/m3	Every 6 months	8	0.00050	0.00325	0.00500	
Chromium VI	mg/m3	Every 6 months	8	0.00050	0.00275	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	uS/cm	Every 6 months	8	4570.00000	4962.50000	5260.00000	
Iron	mg/m3	Every 6 months	6	0.13000	0.21333	0.34000	
Lead	mg/m3	Every 6 months	6	0.00050	0.00050	0.00050	
Lithium	mg/m3	Every 6 months	6	0.17700	0.22317	0.24600	
Magnesium	mg/m3	Every 6 months	6	166.00000	183.83333	195.00000	
Manganese	mg/m3	Every 6 months	6	1.49000	1.59500	1.74000	
Mercury	mg/m3	Every 6 months	6	0.00002	0.00003	0.00005	
Molybdenum	mg/m3	Every 6 months	6	0.00050	0.00050	0.00050	
Nickel	mg/m3	Every 6 months	6	0.00200	0.00267	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	6.96250	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	0.02000	0.03500	0.07000	
Potassium	mg/m3	Every 6 months	6	16.00000	17.66667	19.00000	
Selenium	mg/m3	Every 6 months	6	0.00010	0.00183	0.00500	
Silver	mg/m3	Every 6 months	6	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	6	458.00000	522.66667	596.00000	
Strontium dissolved	mg/m3	Every 6 months	6	2.02000	2.41833	2.69000	
Sulfate	mg/m3	Every 6 months	6	2140.00000	2236.66667	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	599.00000	631.00000	
Total Dissolved Solids	mg/m3	Every 6 months	6	4200.00000	4438.33333	4950.00000	
Total Hardness	mg/m3	Every 6 months	6	2040.00000	2135.00000	2270.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	6	0.30000	0.41667	0.50000	
Total Nitrogen	mg/m3	Every 6 months	6	0.30000	0.41667	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