



Start Of Month	EndDate
01-Jan-25 12:00:00 AM	01-Feb-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%	343.48	688.36	939.43	1500 mg/m3
SO2	mg/m3	Continuous when generating	99.87%	807.49	1,067.76	1,354.58	1700 mg/m3

Start Of Month	EndDate
01-Jan-25 12:00:00 AM	01-Feb-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	09/10/2024 06:30:00	0.00005	0.03 mg/m3
Chlorine	mg/m3	Every 6 months	09/07/2024 10:28:00	0.00500	4 mg/m3
Fluorine	mg/m3	Every 6 months	09/07/2024 10:28:00	8.30000	30 mg/m3
Hydrogen Chloride	mg/m3	Every 6 months	09/07/2024 10:28:00	13.00000	50 mg/m3
Mercury	mg/m3	Every 6 months	09/10/2024 06:30:00	0.00290	0.03 mg/m3
Solid Particles	mg/m3	Quarterly	09/10/2024 06:30:00	12.00000	50 mg/m3
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months	20/02/2024 08:18:00	4.00000	100 mg/m3
Type 1&2 Substances	mg/m3	Every 6 months	09/10/2024 06:30:00	0.01500	0.6 mg/m3
Volatile Organic Compounds	mg/m3	Every 6 months	09/07/2024 11:53:00	0.02500	8 mg/m3

# EPA Monitoring Point 4



Pollutant	Unit of measure	Sampling Frequency	Sampling Performance	Lowest value	Mean Values	Highest value	100th percentile concentration limits
NOx	mg/m3	Continuous when generating	98.98%	271.12	381.74	625.13	1500 mg/m3
SO2	mg/m3	Continuous when generating	98.98%	976.25	1,074.96	1,187.27	1700 mg/m3

Start Of Month	EndDate
01-Jan-25 12:00:00 AM	01-Feb-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	17/07/2024 06:35:00	0.00015	0.03 mg/m3
Chlorine	mg/m3	Every 6 months	17/07/2024 10:55:00	0.06000	4 mg/m3
Fluorine	mg/m3	Every 6 months	17/07/2024 10:55:00	11.00000	30 mg/m3
Hydrogen Chloride	mg/m3	Every 6 months	17/07/2024 10:55:00	18.00000	50 mg/m3
Mercury	mg/m3	Every 6 months	17/07/2024 06:35:00	0.00280	0.03 mg/m3
Solid Particles	mg/m3	Quarterly	17/07/2024 06:35:00	21.00000	50 mg/m3
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months	16/07/2024 11:35:00	4.40000	100 mg/m3
Type 1&2 Substances	mg/m3	Every 6 months	17/07/2024 06:35:00	0.01500	0.6 mg/m3
Volatile Organic Compounds	mg/m3	Every 6 months	17/07/2024 12:10:00	0.03500	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	99.86%	417.02	849.33	1,075.20	1500 mg/m3
SO2	mg/m3	Continuous when generating	99.86%	677.84	1,152.96	1,397.62	1700 mg/m3

Start Of Month	EndDate
01-Jan-25 12:00:00 AM	01-Feb-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	10/10/2024 06:30:00	0.00005	0.03 mg/m3
Chlorine	mg/m3	Every 6 months	11/07/2024 10:30:00	0.00500	4 mg/m3
Fluorine	mg/m3	Every 6 months	11/07/2024 10:30:00	8.00000	30 mg/m3
Hydrogen Chloride	mg/m3	Every 6 months	11/07/2024 10:30:00	11.00000	50 mg/m3
Mercury	mg/m3	Every 6 months	10/10/2024 06:30:00	0.00380	0.03 mg/m3
Solid Particles	mg/m3	Quarterly	10/10/2024 06:30:00	29.00000	50 mg/m3
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months	10/07/2024 11:10:00	3.80000	100 mg/m3
Type 1&2 Substances	mg/m3	Every 6 months	10/10/2024 06:30:00	0.01500	0.6 mg/m3
Volatile Organic Compounds	mg/m3	Every 6 months	11/07/2024 12:12:00	1.13883	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	99.87%	229.88	644.20	874.36	1500 mg/m3
SO2	mg/m3	Continuous when generating	99.87%	881.02	1,090.58	1,382.53	1700 mg/m3

Start Of Month	EndDate
01-Jan-25 12:00:00 AM	01-Feb-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	11/10/2024 06:10:00	0.00005	0.03 mg/m3
Chlorine	mg/m3	Every 6 months	12/07/2024 10:23:00	0.00500	4 mg/m3
Fluorine	mg/m3	Every 6 months	12/07/2024 10:23:00	9.60000	30 mg/m3
Hydrogen Chloride	mg/m3	Every 6 months	12/07/2024 10:23:00	15.00000	50 mg/m3
Mercury	mg/m3	Every 6 months	11/10/2024 06:10:00	0.00170	0.03 mg/m3
Solid Particles	mg/m3	Quarterly	11/10/2024 06:10:00	13.00000	50 mg/m3
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months	10/07/2024 06:20:00	5.80000	100 mg/m3
Type 1&2 Substances	mg/m3	Every 6 months	11/10/2024 06:10:00	0.01500	0.6 mg/m3
Volatile Organic Compounds	mg/m3	Every 6 months	12/07/2024 10:46:00	0.11388	8 mg/m3

# EPA Monitoring Point 7



Start Of Month	EndDate
01-Jan-25 12:00:00 AM	01-Feb-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	99.87%	343.83	677.85	992.86
SO2	mg/m3	Continuous when generating	99.87%	797.54	1,026.01	1,331.21

Pollutant	Unit of measure	Sampling Frequency	Count (12 Months)	Date of Last Sample	Latest Value
Cadmium	mg/m3	Every 6 months	3	09/10/2024 06:30:00	0.00011
Chlorine	mg/m3	Every 6 months	2	09/07/2024 10:28:00	0.00500
CO2	%	Every 6 months	10	09/10/2024 10:42:00	10.80000
Fluorine	mg/m3	Every 6 months	2	09/07/2024 10:28:00	8.30000
Hydrogen Chloride	mg/m3	Every 6 months	2	09/07/2024 10:28:00	13.00000
Mercury	mg/m3	Every 6 months	3	09/10/2024 06:30:00	0.00260
Solid Particles	mg/m3	Quarterly	5	09/10/2024 06:30:00	12.00000
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months	1	20/02/2024 08:18:00	4.00000
Type 1&2 Substances	mg/m3	Every 6 months	3	09/10/2024 06:30:00	0.02000
Volatile Organic Compounds	mg/m3	Every 6 months	2	09/07/2024 11:53:00	0.02500

# EPA Monitoring Point 8



Start Of Month	EndDate
01-Jan-25 12:00:00 AM	01-Feb-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	99.87%	335.84	698.80	1,010.65
SO2	mg/m3	Continuous when generating	99.87%	818.21	1,109.48	1,408.63

Pollutant	Unit of measure	Sampling Frequency	Count (12 Months)	Date of Last Sample	Latest Value
Cadmium	mg/m3	Every 6 months	3	09/10/2024 06:34:00	0.00004
CO2	%	Every 6 months	7	09/10/2024 10:36:00	11.50000
Mercury	mg/m3	Every 6 months	3	09/10/2024 06:34:00	0.00320
Solid Particles	mg/m3	Quarterly	5	09/10/2024 06:34:00	12.00000
Type 1&2 Substances	mg/m3	Every 6 months	3	09/10/2024 06:34:00	0.00850

# EPA Monitoring Point 9



Start Of Month	EndDate
01-Jan-25 12:00:00 AM	01-Feb-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	98.98%	270.48	384.75	659.88
SO2	mg/m3	Continuous when generating	98.98%	969.90	1,069.42	1,187.10

Pollutant	Unit of measure	Sampling Frequency	Year Count Samples	Year Date of Sample	Year last measurement
Cadmium	mg/m3	Every 6 months	2	17/07/2024 06:35:00	0.00015
CO2	%	Every 6 months	5	17/07/2024 06:35:00	10.90000
Mercury	mg/m3	Every 6 months	2	17/07/2024 06:35:00	0.00110
Solid Particles	mg/m3	Quarterly	4	17/07/2024 06:35:00	5.40000
Type 1&2 Substances	mg/m3	Every 6 months	2	17/07/2024 06:35:00	0.01650



# EPA Monitoring Point 10



Start Of Month	EndDate
01-Jan-25 12:00:00 AM	01-Feb-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	66.33%	253.93	465.22	2,455.31
SO2	mg/m3	Continuous when generating	73.47%	2.62	1,022.66	3,335.21

Pollutant	Unit of measure	Sampling Frequency	Count (12 Months)	Date of Last Sample	Latest Value
Antimony	mg/m3	Every 6 months	2	17/07/2024 06:30:00	0.00150
Cadmium	mg/m3	Every 6 months	2	17/07/2024 06:30:00	0.00015
Chlorine	mg/m3	Every 6 months	2	17/07/2024 10:55:00	0.06000
CO2	%	Every 6 months	9	17/07/2024 10:56:00	12.20000
Fluorine	mg/m3	Every 6 months	2	17/07/2024 10:55:00	11.00000
Hydrogen Chloride	mg/m3	Every 6 months	2	17/07/2024 10:55:00	18.00000
Mercury	mg/m3	Every 6 months	2	17/07/2024 06:30:00	0.00360
Solid Particles	mg/m3	Quarterly	4	17/07/2024 06:30:00	28.00000
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months	2	16/07/2024 11:35:00	4.40000
Type 1&2 Substances	mg/m3	Every 6 months	2	17/07/2024 06:30:00	0.01100
Volatile Organic Compounds	mg/m3	Every 6 months	2	17/07/2024 12:10:00	0.03500

# EPA Monitoring Point 11



Start Of Month	EndDate
01-Jan-25 12:00:00 AM	01-Feb-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	99.86%	479.35	818.72	1,047.51
SO2	mg/m3	Continuous when generating	99.86%	987.15	1,209.15	1,445.79

Pollutant	Unit of measure	Sampling Frequency	Count (12 Months)	Date of Last Sample	Latest Value
Cadmium	mg/m3	Every 6 months	3	10/10/2024 06:30:00	0.00008
Chlorine	mg/m3	Every 6 months	2	11/07/2024 10:30:00	0.00500
CO2	%	Every 6 months	11	10/10/2024 11:04:00	10.30000
Fluorine	mg/m3	Every 6 months	2	11/07/2024 10:30:00	8.00000
Hydrogen Chloride	mg/m3	Every 6 months	2	11/07/2024 10:30:00	11.00000
Mercury	mg/m3	Every 6 months	3	10/10/2024 06:30:00	0.00400
Solid Particles	mg/m3	Quarterly	5	10/10/2024 06:30:00	5.10000
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months	2	10/07/2024 11:10:00	3.80000
Type 1&2 Substances	mg/m3	Every 6 months	3	10/10/2024 06:30:00	0.00750
Volatile Organic Compounds	mg/m3	Every 6 months	2	11/07/2024 12:12:00	1.13883

# EPA Monitoring Point 12



Start Of Month	EndDate
01-Jan-25 12:00:00 AM	01-Feb-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	99.59%	497.64	881.45	1,148.34
SO2	mg/m3	Continuous when generating	99.86%	153.60	1,096.09	1,403.85

Pollutant	Unit of measure	Sampling Frequency	Count (12 Months)	Date of Last Sample	Latest Value
Cadmium	mg/m3	Every 6 months	3	10/10/2024 06:30:00	0.00005
CO2	%	Every 6 months	7	10/10/2024 10:35:00	9.70000
Mercury	mg/m3	Every 6 months	3	10/10/2024 06:30:00	0.00370
Solid Particles	mg/m3	Quarterly	5	10/10/2024 06:30:00	49.00000
Type 1&2 Substances	mg/m3	Every 6 months	3	10/10/2024 06:30:00	0.01400

# EPA Monitoring Point 13



Start Of Month	EndDate
01-Jan-25 12:00:00 AM	01-Feb-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	99.87%	229.39	695.24	917.36
SO2	mg/m3	Continuous when generating	99.87%	860.80	1,078.32	1,367.66

Pollutant	Unit of measure	Sampling Frequency	Count (12 Months)	Date of Last Sample	Latest Value
Cadmium	mg/m3	Every 6 months	3	11/10/2024 06:10:00	0.00005
CO2	%	Every 6 months	7	11/10/2024 10:23:00	10.20000
Mercury	mg/m3	Every 6 months	3	11/10/2024 06:10:00	0.00190
Solid Particles	mg/m3	Quarterly	5	11/10/2024 06:10:00	9.20000
Type 1&2 Substances	mg/m3	Every 6 months	3	11/10/2024 06:10:00	0.02350

# EPA Monitoring Point 14



Start Of Month	EndDate
01-Jan-25 12:00:00 AM	01-Feb-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	99.87%	230.62	593.16	854.19
SO2	mg/m3	Continuous when generating	99.87%	892.39	1,102.88	1,396.56

Pollutant	Unit of measure	Sampling Frequency	Count (12 Months)	Date of Last Sample	Latest measurement
Cadmium	mg/m3	Every 6 months	3	11/10/2024 06:25:00	0.00005
Chlorine	mg/m3	Every 6 months	2	12/07/2024 10:23:00	0.00500
CO2	%	Every 6 months	11	11/10/2024 10:34:00	11.00000
Fine Particulates PM10	mg/m3	Every 6 months	2	11/10/2024 10:34:00	6.30000
Fluorine	mg/m3	Every 6 months	2	12/07/2024 10:23:00	9.60000
Hydrogen Chloride	mg/m3	Every 6 months	2	12/07/2024 10:23:00	15.00000
Mercury	mg/m3	Every 6 months	3	11/10/2024 06:25:00	0.00150
Sulfur Trioxide and/or Sulfuric Acid as SO3	mg/m3	Every 6 months	2	10/07/2024 06:20:00	5.80000
Type 1&2 Substances	mg/m3	Every 6 months	3	11/10/2024 06:25:00	0.00800
Volatile Organic Compounds	mg/m3	Every 6 months	2	12/07/2024 10:46:00	0.11388



## EPA Monitoring Point 19

Start Of Month	EndDate
01-Jan-25 12:00:00 AM	01-Feb-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%	8912	13.00000	3481.28565	4402.00000	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%	8914	7.02000	8.22926	8.52000	9 pH units
Pollutant	Unit of measure	Sampling Frequency	Month Count Measure	Month Sum Measure			100th percentile concentration limits	
Volume	ML/d	Daily	31	326.60			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	3.37500	6.00000	30 mg/L
Volume	kL/d	Daily	31	548.49658	1075.74963	1726.32874	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-Jan-25 12:00:00 AM	01-Feb-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	5.61406	15.50033	

Start Of Month	EndDate
01-Jan-25 12:00:00 AM	01-Feb-25 12:00:00 AM

# EPA Monitoring Point 23

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

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

Pollutant	Unit of measure	Sampling Frequency	Sampling Performance	Lowest value	Mean Value	Highest Value	100th percentile concentration limits
Volume	ML/d	Daily					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-Jan-25 12:00:00 AM	01-Feb-25 12:00:00 AM



# EPA Monitoring Point 25

Start Of Month	EndDate
01-Jan-25 12:00:00 AM	01-Feb-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	1.23000	1.37750	1.64000	
Cadmium	mg/L	Weekly during discharge	0.00%	4	0.00005	0.00005	0.00005	
Conductivity	uS/cm	Continuous during discharge	0.00%	4	1781.00000	2071.75000	2330.00000	
Copper	mg/L	Weekly during discharge	0.00%	4	0.00050	0.00050	0.00050	
Iron	mg/L	Weekly during discharge	0.00%	4	0.12000	0.20000	0.33000	
Molybdenum	mg/L	Weekly during discharge	0.00%	4	0.07500	0.10800	0.13200	
Nickel	mg/L	Weekly during discharge	0.00%	4	0.00300	0.00350	0.00400	
pH	pH units	Weekly during discharge	0.00%	4	8.30000	8.62500	8.80000	
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	1	47,131.20	

# EPA Monitoring Point 27

Pollutant	Unit of measure	Sampling Frequency	Samples collected	lowest value	Mean Value	Highest Value	100th percentile concentration limits ▲
Aluminium	mg/m3	Every 6 months	11	6.49000	7.06000	8.60000	
Ammonia	mg/m3	Every 6 months	11	0.57000	0.62818	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	0.00030	0.00080	
Barium	mg/m3	Every 6 months	11	0.00700	0.01118	0.03900	
Beryllium	mg/m3	Every 6 months	11	0.00400	0.00400	0.00400	
Boron	mg/m3	Every 6 months	11	2.96000	3.35273	4.10000	
Cadmium	mg/m3	Every 6 months	11	0.00030	0.00040	0.00060	
Calcium	mg/m3	Every 6 months	11	564.00000	590.90909	622.00000	
Chloride	mg/m3	Every 6 months	11	679.00000	732.63636	800.00000	
Chromium III	mg/m3	Every 6 months	10	0.00050	0.00455	0.00500	
Chromium VI	mg/m3	Every 6 months	10	0.00050	0.00410	0.00500	
Cobalt	mg/m3	Every 6 months	11	0.07500	0.08373	0.09000	
Copper	mg/m3	Every 6 months	11	0.00050	0.00314	0.01000	
Electrical Conductivity	mg/m3	Every 6 months	12	4660.00000	4905.83333	5100.00000	
Iron	mg/m3	Every 6 months	11	0.26000	0.53091	2.74000	
Lead	mg/m3	Every 6 months	11	0.00050	0.00064	0.00200	
Lithium	mg/m3	Every 6 months	11	0.44400	0.50273	0.62600	
Magnesium	mg/m3	Every 6 months	11	32.00000	35.18182	41.00000	
Manganese	mg/m3	Every 6 months	11	0.65400	0.69791	0.73300	
Mercury	mg/m3	Every 6 months	11	0.00002	0.00004	0.00005	
Molybdenum	mg/m3	Every 6 months	11	0.00050	0.00068	0.00200	
Nickel	mg/m3	Every 6 months	11	0.14700	0.16264	0.17700	
Nitrate	mg/m3	Every 6 months	11	0.00500	0.00864	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	0.00909	0.04000	
pH	mg/m3	Every 6 months	12	3.90000	4.01667	4.10000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	11	0.00500	0.00545	0.01000	
Phosphorus Total	mg/m3	Every 6 months	10	0.00500	0.01350	0.03000	
Potassium	mg/m3	Every 6 months	11	21.00000	23.00000	25.00000	
Selenium	mg/m3	Every 6 months	11	0.00230	0.01150	0.04000	
Silver	mg/m3	Every 6 months	11	0.00050	0.00064	0.00200	
Sodium	mg/m3	Every 6 months	11	485.00000	510.36364	538.00000	
Strontium dissolved	mg/m3	Every 6 months	9	0.32400	0.34389	0.39100	
Sulfate	mg/m3	Every 6 months	11	1830.00000	1963.63636	2170.00000	
Thalium	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Titanium	mg/m3	Every 6 months	11	0.00500	0.00818	0.04000	
Total Alkalinity	mg/m3	Every 6 months	11	0.50000	0.50000	0.50000	
Total Dissolved Solids	mg/m3	Every 6 months	11	3590.00000	3940.90909	4120.00000	
Total Hardness	mg/m3	Every 6 months	11	1540.00000	1619.09091	1700.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	11	0.60000	0.82727	1.20000	
Total Nitrogen	mg/m3	Every 6 months	11	0.60000	0.82727	1.20000	
Vanadium	mg/m3	Every 6 months	11	0.00500	0.00500	0.00500	
Zinc	mg/m3	Every 6 months	11	0.24500	0.26909	0.30200	

# EPA Monitoring Point 28

Pollutant	Unit of measure	Sampling Frequency	Samples collected	lowest value	Mean Value	Highest Value	100th percentile concentration limits ▲
Aluminium	mg/m3	Every 6 months	11	0.00500	0.14318	1.12000	
Ammonia	mg/m3	Every 6 months	11	0.09000	0.14727	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	0.00035	0.00070	
Barium	mg/m3	Every 6 months	11	0.01900	0.02327	0.03300	
Beryllium	mg/m3	Every 6 months	11	0.00050	0.00091	0.00500	
Boron	mg/m3	Every 6 months	11	2.78000	3.12727	3.60000	
Cadmium	mg/m3	Every 6 months	11	0.00005	0.00009	0.00050	
Calcium	mg/m3	Every 6 months	11	312.00000	346.36364	378.00000	
Chloride	mg/m3	Every 6 months	11	446.00000	486.00000	557.00000	
Chromium III	mg/m3	Every 6 months	10	0.00200	0.00470	0.00500	
Chromium VI	mg/m3	Every 6 months	10	0.00050	0.00410	0.00500	
Cobalt	mg/m3	Every 6 months	11	0.00050	0.00068	0.00200	
Copper	mg/m3	Every 6 months	11	0.00050	0.00055	0.00100	
Electrical Conductivity	mg/m3	Every 6 months	12	4550.00000	4934.16667	5270.00000	
Iron	mg/m3	Every 6 months	11	0.02500	0.15773	1.20000	
Lead	mg/m3	Every 6 months	11	0.00050	0.00077	0.00200	
Lithium	mg/m3	Every 6 months	11	0.08700	0.10364	0.11400	
Magnesium	mg/m3	Every 6 months	11	130.00000	142.54545	156.00000	
Manganese	mg/m3	Every 6 months	11	0.12000	0.15527	0.19900	
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	0.00536	0.00700	
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	6.84167	7.10000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	11	0.00500	0.01409	0.02000	
Phosphorus Total	mg/m3	Every 6 months	10	0.01000	0.03100	0.05000	
Potassium	mg/m3	Every 6 months	11	4.00000	4.63636	8.00000	
Selenium	mg/m3	Every 6 months	11	0.00010	0.00411	0.00500	
Silver	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	11	610.00000	676.09091	729.00000	
Strontium dissolved	mg/m3	Every 6 months	9	1.88000	2.03000	2.37000	
Sulfate	mg/m3	Every 6 months	11	1700.00000	1890.90909	2020.00000	
Thalium	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Titanium	mg/m3	Every 6 months	11	0.00500	0.00727	0.03000	
Total Alkalinity	mg/m3	Every 6 months	11	410.00000	446.54545	481.00000	
Total Dissolved Solids	mg/m3	Every 6 months	11	3530.00000	3924.54545	4350.00000	
Total Hardness	mg/m3	Every 6 months	11	1350.00000	1452.72727	1570.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	11	0.20000	0.37273	0.60000	
Total Nitrogen	mg/m3	Every 6 months	11	0.20000	0.43636	1.00000	
Vanadium	mg/m3	Every 6 months	11	0.00500	0.00500	0.00500	
Zinc	mg/m3	Every 6 months	11	0.00250	0.00282	0.00600	

# EPA Monitoring Point 29

Pollutant	Unit of measure	Sampling Frequency	Samples collected	lowest value	Mean Value	Highest Value	100th percentile concentration limits ▲
Aluminium	mg/m3	Every 6 months	11	0.06000	0.70364	3.62000	
Ammonia	mg/m3	Every 6 months	11	0.09000	0.26000	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	0.00175	0.01150	
Arsenic V	mg/m3	Every 6 months	11	0.00025	0.00159	0.00370	
Barium	mg/m3	Every 6 months	11	0.01100	0.02000	0.05300	
Beryllium	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	11	0.16000	0.30636	0.76000	
Cadmium	mg/m3	Every 6 months	11	0.00005	0.00005	0.00005	
Calcium	mg/m3	Every 6 months	11	352.00000	394.36364	450.00000	
Chloride	mg/m3	Every 6 months	11	1410.00000	1625.45455	1860.00000	
Chromium III	mg/m3	Every 6 months	9	0.00100	0.00622	0.02000	
Chromium VI	mg/m3	Every 6 months	9	0.00050	0.00400	0.00500	
Cobalt	mg/m3	Every 6 months	11	0.13300	0.45227	0.84900	
Copper	mg/m3	Every 6 months	11	0.00050	0.00077	0.00300	
Electrical Conductivity	mg/m3	Every 6 months	11	9720.00000	10350.90909	10910.00000	
Iron	mg/m3	Every 6 months	11	3.79000	15.36455	44.80000	
Lead	mg/m3	Every 6 months	11	0.00050	0.00086	0.00300	
Lithium	mg/m3	Every 6 months	11	0.08900	0.12882	0.25100	
Magnesium	mg/m3	Every 6 months	11	256.00000	276.27273	323.00000	
Manganese	mg/m3	Every 6 months	11	1.73000	2.43182	4.51000	
Mercury	mg/m3	Every 6 months	11	0.00002	0.00004	0.00005	
Molybdenum	mg/m3	Every 6 months	11	0.00050	0.00055	0.00100	
Nickel	mg/m3	Every 6 months	11	0.09200	0.22891	0.38300	
Nitrate	mg/m3	Every 6 months	11	0.00500	0.01091	0.04000	
Nitrite	mg/m3	Every 6 months	11	0.00500	0.00500	0.00500	
Nitrite - Nitrate	mg/m3	Every 6 months	11	0.00500	0.01091	0.04000	
pH	mg/m3	Every 6 months	11	5.70000	5.92727	6.40000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	11	0.00500	0.00500	0.00500	
Phosphorus Total	mg/m3	Every 6 months	10	0.00500	0.02700	0.05000	
Potassium	mg/m3	Every 6 months	11	4.00000	5.09091	7.00000	
Selenium	mg/m3	Every 6 months	11	0.00070	0.00429	0.00500	
Silver	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	11	1690.00000	1857.27273	2110.00000	
Strontium dissolved	mg/m3	Every 6 months	7	2.42000	2.79000	3.43000	
Sulfate	mg/m3	Every 6 months	11	3330.00000	3560.00000	4040.00000	
Thalium	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Titanium	mg/m3	Every 6 months	11	0.00500	0.01045	0.05000	
Total Alkalinity	mg/m3	Every 6 months	11	84.00000	128.81818	234.00000	
Total Dissolved Solids	mg/m3	Every 6 months	11	7750.00000	8332.72727	9180.00000	
Total Hardness	mg/m3	Every 6 months	11	1930.00000	2121.81818	2450.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	11	0.40000	0.60000	0.80000	
Total Nitrogen	mg/m3	Every 6 months	11	0.40000	0.60000	0.80000	
Vanadium	mg/m3	Every 6 months	11	0.00500	0.00500	0.00500	
Zinc	mg/m3	Every 6 months	11	0.01600	0.13218	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	0.00864	0.02000	
Ammonia	mg/m3	Every 6 months	11	0.04000	0.07818	0.20000	
Antimony	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Arsenic III	mg/m3	Every 6 months	11	0.00025	0.00037	0.00100	
Arsenic V	mg/m3	Every 6 months	11	0.00025	0.00043	0.00080	
Barium	mg/m3	Every 6 months	11	0.01000	0.01264	0.01400	
Beryllium	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	11	1.95000	2.32364	2.66000	
Cadmium	mg/m3	Every 6 months	11	0.00005	0.00006	0.00020	
Calcium	mg/m3	Every 6 months	11	343.00000	371.45455	414.00000	
Chloride	mg/m3	Every 6 months	11	986.00000	1066.00000	1180.00000	
Chromium III	mg/m3	Every 6 months	10	0.00050	0.00455	0.00500	
Chromium VI	mg/m3	Every 6 months	10	0.00050	0.00410	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	7716.66667	8020.00000	
Iron	mg/m3	Every 6 months	11	0.16000	0.22727	0.30000	
Lead	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Lithium	mg/m3	Every 6 months	11	0.19400	0.23491	0.26900	
Magnesium	mg/m3	Every 6 months	11	253.00000	292.45455	322.00000	
Manganese	mg/m3	Every 6 months	11	0.13700	0.15927	0.17100	
Mercury	mg/m3	Every 6 months	11	0.00002	0.00004	0.00005	
Molybdenum	mg/m3	Every 6 months	11	0.00300	0.00309	0.00400	
Nickel	mg/m3	Every 6 months	11	0.01100	0.01255	0.01400	
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	7.00000	7.14167	7.20000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	11	0.00500	0.00864	0.03000	
Phosphorus Total	mg/m3	Every 6 months	10	0.01000	0.03700	0.06000	
Potassium	mg/m3	Every 6 months	11	11.00000	12.00000	13.00000	
Selenium	mg/m3	Every 6 months	11	0.00010	0.00412	0.00500	
Silver	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	11	956.00000	1103.54545	1220.00000	
Strontium dissolved	mg/m3	Every 6 months	9	2.79000	3.03333	3.64000	
Sulfate	mg/m3	Every 6 months	11	2560.00000	2792.72727	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	374.63636	396.00000	
Total Dissolved Solids	mg/m3	Every 6 months	11	5930.00000	6450.00000	7390.00000	
Total Hardness	mg/m3	Every 6 months	11	2020.00000	2130.90909	2280.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	11	0.10000	0.21818	0.40000	
Total Nitrogen	mg/m3	Every 6 months	11	0.10000	0.21818	0.40000	
Vanadium	mg/m3	Every 6 months	11	0.00500	0.00500	0.00500	
Zinc	mg/m3	Every 6 months	11	0.00250	0.00300	0.00800	

# EPA Monitoring Point 31

Pollutant	Unit of measure	Sampling Frequency	Samples collected	lowest value	Mean Value	Highest Value	100th percentile concentration limits ▲
Aluminium	mg/m3	Every 6 months	8	0.00500	0.04375	0.14000	
Ammonia	mg/m3	Every 6 months	8	0.14000	0.22625	0.33000	
Antimony	mg/m3	Every 6 months	8	0.00050	0.00050	0.00050	
Arsenic III	mg/m3	Every 6 months	8	0.00025	0.00025	0.00025	
Arsenic V	mg/m3	Every 6 months	8	0.00025	0.00029	0.00060	
Barium	mg/m3	Every 6 months	8	0.00500	0.00625	0.00800	
Beryllium	mg/m3	Every 6 months	8	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	8	4.42000	4.90750	5.49000	
Cadmium	mg/m3	Every 6 months	8	0.00010	0.00020	0.00030	
Calcium	mg/m3	Every 6 months	8	501.00000	536.37500	572.00000	
Chloride	mg/m3	Every 6 months	8	466.00000	485.75000	501.00000	
Chromium III	mg/m3	Every 6 months	8	0.00050	0.00444	0.00500	
Chromium VI	mg/m3	Every 6 months	8	0.00050	0.00388	0.00500	
Cobalt	mg/m3	Every 6 months	8	0.00050	0.00050	0.00050	
Copper	mg/m3	Every 6 months	8	0.00050	0.00050	0.00050	
Electrical Conductivity	mg/m3	Every 6 months	8	4780.00000	5003.75000	5130.00000	
Iron	mg/m3	Every 6 months	8	0.02500	0.13125	0.29000	
Lead	mg/m3	Every 6 months	8	0.00050	0.00050	0.00050	
Lithium	mg/m3	Every 6 months	8	0.28000	0.32463	0.42800	
Magnesium	mg/m3	Every 6 months	8	105.00000	121.00000	131.00000	
Manganese	mg/m3	Every 6 months	8	0.14800	0.18913	0.21200	
Mercury	mg/m3	Every 6 months	8	0.00002	0.00004	0.00005	
Molybdenum	mg/m3	Every 6 months	8	0.00100	0.00138	0.00200	
Nickel	mg/m3	Every 6 months	8	0.00900	0.01075	0.01200	
Nitrate	mg/m3	Every 6 months	8	0.00500	0.00813	0.02000	
Nitrite	mg/m3	Every 6 months	8	0.00500	0.00500	0.00500	
Nitrite - Nitrate	mg/m3	Every 6 months	8	0.00500	0.00813	0.02000	
pH	mg/m3	Every 6 months	8	6.70000	6.75000	6.90000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	8	0.00500	0.00500	0.00500	
Phosphorus Total	mg/m3	Every 6 months	8	0.00500	0.02563	0.05000	
Potassium	mg/m3	Every 6 months	8	16.00000	17.12500	19.00000	
Selenium	mg/m3	Every 6 months	8	0.00010	0.00378	0.00500	
Silver	mg/m3	Every 6 months	8	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	8	483.00000	565.37500	615.00000	
Strontium dissolved	mg/m3	Every 6 months	8	2.05000	2.29750	2.55000	
Sulfate	mg/m3	Every 6 months	8	2240.00000	2397.50000	2700.00000	
Thalium	mg/m3	Every 6 months	8	0.00050	0.00050	0.00050	
Titanium	mg/m3	Every 6 months	8	0.00500	0.00500	0.00500	
Total Alkalinity	mg/m3	Every 6 months	8	101.00000	112.12500	133.00000	
Total Dissolved Solids	mg/m3	Every 6 months	8	4100.00000	4302.50000	4440.00000	
Total Hardness	mg/m3	Every 6 months	8	1730.00000	1836.25000	1970.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	8	0.30000	0.35000	0.40000	
Total Nitrogen	mg/m3	Every 6 months	8	0.30000	0.35000	0.40000	
Vanadium	mg/m3	Every 6 months	8	0.00500	0.00500	0.00500	
Zinc	mg/m3	Every 6 months	8	0.00250	0.00250	0.00250	

# EPA Monitoring Point 32

Pollutant	Unit of measure	Sampling Frequency	Samples collected	lowest value	Mean Value	Highest Value	100th percentile concentration limits ▲
Aluminium	mg/m3	Every 6 months	11	0.00500	0.03091	0.13000	
Ammonia	mg/m3	Every 6 months	11	0.03000	0.08455	0.17000	
Antimony	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Arsenic III	mg/m3	Every 6 months	11	0.00025	0.00025	0.00025	
Arsenic V	mg/m3	Every 6 months	11	0.00025	0.00028	0.00060	
Barium	mg/m3	Every 6 months	11	0.00900	0.01018	0.01100	
Beryllium	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	11	0.37000	0.47273	0.74000	
Cadmium	mg/m3	Every 6 months	11	0.00005	0.00005	0.00005	
Calcium	mg/m3	Every 6 months	11	261.00000	293.27273	330.00000	
Chloride	mg/m3	Every 6 months	11	751.00000	818.09091	904.00000	
Chromium III	mg/m3	Every 6 months	10	0.00050	0.00455	0.00500	
Chromium VI	mg/m3	Every 6 months	10	0.00050	0.00410	0.00500	
Cobalt	mg/m3	Every 6 months	11	0.00050	0.00064	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	9978.33333	10480.00000	
Iron	mg/m3	Every 6 months	11	0.02500	0.16455	0.45000	
Lead	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Lithium	mg/m3	Every 6 months	11	0.10500	0.12045	0.16200	
Magnesium	mg/m3	Every 6 months	11	392.00000	458.90909	512.00000	
Manganese	mg/m3	Every 6 months	11	0.04200	0.09736	0.20600	
Mercury	mg/m3	Every 6 months	11	0.00002	0.00004	0.00005	
Molybdenum	mg/m3	Every 6 months	11	0.00200	0.00209	0.00300	
Nickel	mg/m3	Every 6 months	11	0.00300	0.00418	0.00500	
Nitrate	mg/m3	Every 6 months	11	0.00500	0.00636	0.02000	
Nitrite	mg/m3	Every 6 months	11	0.00500	0.00500	0.00500	
Nitrite - Nitrate	mg/m3	Every 6 months	11	0.00500	0.00636	0.02000	
pH	mg/m3	Every 6 months	12	7.20000	7.27250	7.40000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	11	0.00500	0.01136	0.03000	
Phosphorus Total	mg/m3	Every 6 months	10	0.01000	0.02600	0.04000	
Potassium	mg/m3	Every 6 months	11	8.00000	9.00000	11.00000	
Selenium	mg/m3	Every 6 months	11	0.00010	0.00411	0.00500	
Silver	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	11	1500.00000	1755.45455	2040.00000	
Strontium dissolved	mg/m3	Every 6 months	9	4.31000	5.42667	6.61000	
Sulfate	mg/m3	Every 6 months	11	4240.00000	4573.63636	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	480.36364	516.00000	
Total Dissolved Solids	mg/m3	Every 6 months	11	8680.00000	8910.00000	9610.00000	
Total Hardness	mg/m3	Every 6 months	11	2320.00000	2620.90909	2930.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	11	0.05000	0.18182	0.30000	
Total Nitrogen	mg/m3	Every 6 months	11	0.05000	0.18182	0.30000	
Vanadium	mg/m3	Every 6 months	11	0.00500	0.00500	0.00500	
Zinc	mg/m3	Every 6 months	11	0.00250	0.00250	0.00250	



# EPA Monitoring Point 33

Pollutant	Unit of measure	Sampling Frequency	Samples collected	lowest value	Mean Value	Highest Value	100th percentile concentration limits ▲
Aluminium	mg/m3	Every 6 months	11	0.00500	0.82045	7.37000	
Ammonia	mg/m3	Every 6 months	11	0.00500	0.09773	0.31000	
Antimony	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Arsenic III	mg/m3	Every 6 months	11	0.00025	0.00030	0.00080	
Arsenic V	mg/m3	Every 6 months	11	0.00025	0.00025	0.00025	
Barium	mg/m3	Every 6 months	11	0.01900	0.03009	0.08800	
Beryllium	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	11	0.18000	0.25182	0.38000	
Cadmium	mg/m3	Every 6 months	11	0.00005	0.00008	0.00020	
Calcium	mg/m3	Every 6 months	11	171.00000	186.00000	199.00000	
Chloride	mg/m3	Every 6 months	11	2860.00000	3102.72727	3280.00000	
Chromium III	mg/m3	Every 6 months	10	0.00050	0.00455	0.00500	
Chromium VI	mg/m3	Every 6 months	10	0.00050	0.00410	0.00500	
Cobalt	mg/m3	Every 6 months	11	0.00050	0.00082	0.00400	
Copper	mg/m3	Every 6 months	11	0.00050	0.00364	0.01500	
Electrical Conductivity	mg/m3	Every 6 months	12	10130.00000	11280.00000	12040.00000	
Iron	mg/m3	Every 6 months	11	0.02500	1.07818	9.27000	
Lead	mg/m3	Every 6 months	11	0.00050	0.00468	0.03400	
Lithium	mg/m3	Every 6 months	11	0.25800	0.30391	0.39600	
Magnesium	mg/m3	Every 6 months	11	246.00000	275.72727	324.00000	
Manganese	mg/m3	Every 6 months	11	0.00200	0.05118	0.16400	
Mercury	mg/m3	Every 6 months	11	0.00002	0.00004	0.00005	
Molybdenum	mg/m3	Every 6 months	11	0.00200	0.00291	0.00300	
Nickel	mg/m3	Every 6 months	11	0.00400	0.00573	0.01300	
Nitrate	mg/m3	Every 6 months	11	0.13000	0.31273	0.78000	
Nitrite	mg/m3	Every 6 months	11	0.00500	0.00500	0.00500	
Nitrite - Nitrate	mg/m3	Every 6 months	11	0.13000	0.31273	0.78000	
pH	mg/m3	Every 6 months	12	6.90000	7.00000	7.20000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	11	0.00500	0.00818	0.04000	
Phosphorus Total	mg/m3	Every 6 months	10	0.00500	0.05850	0.17000	
Potassium	mg/m3	Every 6 months	11	21.00000	22.90909	25.00000	
Selenium	mg/m3	Every 6 months	11	0.00030	0.00415	0.00500	
Silver	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	11	1970.00000	2040.90909	2220.00000	
Strontium dissolved	mg/m3	Every 6 months	8	2.91000	3.27125	4.23000	
Sulfate	mg/m3	Every 6 months	11	687.00000	884.63636	986.00000	
Thalium	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Titanium	mg/m3	Every 6 months	11	0.00500	0.01591	0.11000	
Total Alkalinity	mg/m3	Every 6 months	11	800.00000	850.09091	885.00000	
Total Dissolved Solids	mg/m3	Every 6 months	11	6800.00000	7150.00000	7860.00000	
Total Hardness	mg/m3	Every 6 months	11	1450.00000	1598.18182	1830.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	11	0.05000	0.36818	1.10000	
Total Nitrogen	mg/m3	Every 6 months	11	0.30000	0.65455	1.50000	
Vanadium	mg/m3	Every 6 months	11	0.00500	0.00636	0.02000	
Zinc	mg/m3	Every 6 months	11	0.00250	0.01482	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	1.84091	11.10000	
Ammonia	mg/m3	Every 6 months	11	0.00500	0.04773	0.09000	
Antimony	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Arsenic III	mg/m3	Every 6 months	11	0.00025	0.00030	0.00080	
Arsenic V	mg/m3	Every 6 months	11	0.00025	0.00070	0.00490	
Barium	mg/m3	Every 6 months	11	0.00900	0.03164	0.14900	
Beryllium	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	11	1.84000	2.08000	2.50000	
Cadmium	mg/m3	Every 6 months	11	0.00005	0.00014	0.00060	
Calcium	mg/m3	Every 6 months	11	481.00000	517.18182	546.00000	
Chloride	mg/m3	Every 6 months	11	702.00000	777.63636	912.00000	
Chromium III	mg/m3	Every 6 months	10	0.00050	0.00455	0.00500	
Chromium VI	mg/m3	Every 6 months	10	0.00050	0.00410	0.00500	
Cobalt	mg/m3	Every 6 months	11	0.00200	0.00645	0.01800	
Copper	mg/m3	Every 6 months	11	0.00050	0.00436	0.02600	
Electrical Conductivity	mg/m3	Every 6 months	10	6220.00000	6921.00000	7360.00000	
Iron	mg/m3	Every 6 months	11	0.09000	2.84636	17.40000	
Lead	mg/m3	Every 6 months	11	0.00050	0.00318	0.01500	
Lithium	mg/m3	Every 6 months	11	0.23200	0.26164	0.31100	
Magnesium	mg/m3	Every 6 months	11	326.00000	343.90909	362.00000	
Manganese	mg/m3	Every 6 months	11	0.16200	0.30827	0.72100	
Mercury	mg/m3	Every 6 months	11	0.00002	0.00004	0.00005	
Molybdenum	mg/m3	Every 6 months	11	0.00050	0.00118	0.00200	
Nickel	mg/m3	Every 6 months	11	0.00900	0.01200	0.02100	
Nitrate	mg/m3	Every 6 months	11	0.00500	0.03000	0.12000	
Nitrite	mg/m3	Every 6 months	11	0.00500	0.00545	0.01000	
Nitrite - Nitrate	mg/m3	Every 6 months	11	0.00500	0.03091	0.12000	
pH	mg/m3	Every 6 months	12	6.40000	6.48333	6.60000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	11	0.00500	0.02500	0.05000	
Phosphorus Total	mg/m3	Every 6 months	10	0.05000	0.11200	0.36000	
Potassium	mg/m3	Every 6 months	11	11.00000	13.72727	15.00000	
Selenium	mg/m3	Every 6 months	11	0.00010	0.00412	0.00500	
Silver	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	11	763.00000	795.09091	852.00000	
Strontium dissolved	mg/m3	Every 6 months	9	3.16000	3.51778	3.84000	
Sulfate	mg/m3	Every 6 months	11	2970.00000	3192.72727	3360.00000	
Thalium	mg/m3	Every 6 months	11	0.00050	0.00050	0.00050	
Titanium	mg/m3	Every 6 months	11	0.00500	0.01864	0.10000	
Total Alkalinity	mg/m3	Every 6 months	11	178.00000	212.36364	230.00000	
Total Dissolved Solids	mg/m3	Every 6 months	11	4670.00000	6181.81818	7050.00000	
Total Hardness	mg/m3	Every 6 months	11	2600.00000	2706.36364	2810.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	11	0.05000	0.25909	0.60000	
Total Nitrogen	mg/m3	Every 6 months	11	0.05000	0.27727	0.70000	
Vanadium	mg/m3	Every 6 months	11	0.00500	0.00864	0.03000	
Zinc	mg/m3	Every 6 months	11	0.00250	0.01391	0.04400	

# EPA Monitoring Point 36

Pollutant	Unit of measure	Sampling Frequency	Samples collected	lowest value	Mean Value	Highest Value	100th percentile concentration limits ▲
Aluminium	mg/m3	Every 6 months	6	0.05000	2.82667	14.60000	
Ammonia	mg/m3	Every 6 months	6	5.68000	6.99500	7.90000	
Antimony	mg/m3	Every 6 months	6	0.00050	0.00758	0.02500	
Arsenic III	mg/m3	Every 6 months	6	0.00025	0.00146	0.00200	
Arsenic V	mg/m3	Every 6 months	6	0.00025	0.00142	0.00200	
Barium	mg/m3	Every 6 months	6	0.04000	0.05867	0.08800	
Beryllium	mg/m3	Every 6 months	6	0.00050	0.00425	0.00500	
Boron	mg/m3	Every 6 months	6	0.27000	0.50333	1.16000	
Cadmium	mg/m3	Every 6 months	6	0.00005	0.00043	0.00050	
Calcium	mg/m3	Every 6 months	6	47.00000	61.16667	76.00000	
Chloride	mg/m3	Every 6 months	6	5270.00000	6888.33333	7920.00000	
Chromium III	mg/m3	Every 6 months	6	0.00500	0.00583	0.01000	
Chromium VI	mg/m3	Every 6 months	6	0.00050	0.00425	0.00500	
Cobalt	mg/m3	Every 6 months	6	0.00050	0.00425	0.00500	
Copper	mg/m3	Every 6 months	6	0.00100	0.00433	0.00500	
Electrical Conductivity	mg/m3	Every 6 months	8	24200.00000	26350.00000	27800.00000	
Iron	mg/m3	Every 6 months	6	0.25000	1.91833	5.15000	
Lead	mg/m3	Every 6 months	6	0.00200	0.00450	0.00500	
Lithium	mg/m3	Every 6 months	6	1.31000	1.82500	2.11000	
Magnesium	mg/m3	Every 6 months	6	41.00000	56.66667	94.00000	
Manganese	mg/m3	Every 6 months	6	0.02700	0.07550	0.10700	
Mercury	mg/m3	Every 6 months	6	0.00002	0.00004	0.00005	
Molybdenum	mg/m3	Every 6 months	6	0.00050	0.00692	0.02100	
Nickel	mg/m3	Every 6 months	6	0.00500	0.00533	0.00700	
Nitrate	mg/m3	Every 6 months	6	0.00500	0.02250	0.05000	
Nitrite	mg/m3	Every 6 months	6	0.00500	0.03667	0.15000	
Nitrite - Nitrate	mg/m3	Every 6 months	6	0.00500	0.05750	0.18000	
pH	mg/m3	Every 6 months	8	7.50000	7.63750	7.70000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	6	0.02000	0.05000	0.07000	
Phosphorus Total	mg/m3	Every 6 months	5	0.10000	0.19400	0.27000	
Potassium	mg/m3	Every 6 months	6	19.00000	21.83333	27.00000	
Selenium	mg/m3	Every 6 months	6	0.00020	0.03420	0.05000	
Silver	mg/m3	Every 6 months	6	0.00050	0.00425	0.00500	
Sodium	mg/m3	Every 6 months	6	6160.00000	6525.00000	7180.00000	
Strontium dissolved	mg/m3	Every 6 months	4	5.27000	5.66500	5.99000	
Sulfate	mg/m3	Every 6 months	6	2640.00000	3328.33333	3640.00000	
Thalium	mg/m3	Every 6 months	6	0.00050	0.00425	0.00500	
Titanium	mg/m3	Every 6 months	6	0.00500	0.04250	0.05000	
Total Alkalinity	mg/m3	Every 6 months	6	1170.00000	1355.00000	1450.00000	
Total Dissolved Solids	mg/m3	Every 6 months	6	14200.00000	17783.33333	20900.00000	
Total Hardness	mg/m3	Every 6 months	6	290.00000	386.00000	577.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	6	5.60000	7.31667	8.20000	
Total Nitrogen	mg/m3	Every 6 months	6	5.70000	7.36667	8.20000	
Vanadium	mg/m3	Every 6 months	6	0.00500	0.04250	0.05000	
Zinc	mg/m3	Every 6 months	6	0.02000	0.02500	0.02600	

# EPA Monitoring Point 37

Pollutant	Unit of measure	Sampling Frequency	Samples collected	lowest value	Mean Value	Highest Value	100th percentile concentration limits ▲
Aluminium	mg/m3	Every 6 months	6	0.44000	0.46500	0.52000	
Ammonia	mg/m3	Every 6 months	6	0.04000	0.14167	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	0.00025	0.00025	
Barium	mg/m3	Every 6 months	6	0.01000	0.01150	0.01300	
Beryllium	mg/m3	Every 6 months	6	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	6	1.48000	1.56667	1.72000	
Cadmium	mg/m3	Every 6 months	6	0.00200	0.00222	0.00240	
Calcium	mg/m3	Every 6 months	6	455.00000	478.83333	498.00000	
Chloride	mg/m3	Every 6 months	6	839.00000	956.33333	1090.00000	
Chromium III	mg/m3	Every 6 months	6	0.00050	0.00425	0.00500	
Chromium VI	mg/m3	Every 6 months	6	0.00050	0.00425	0.00500	
Cobalt	mg/m3	Every 6 months	6	0.10200	0.10783	0.11600	
Copper	mg/m3	Every 6 months	6	0.00050	0.00083	0.00200	
Electrical Conductivity	mg/m3	Every 6 months	8	8150.00000	8751.25000	9040.00000	
Iron	mg/m3	Every 6 months	6	0.02500	0.03667	0.07000	
Lead	mg/m3	Every 6 months	6	0.00050	0.00050	0.00050	
Lithium	mg/m3	Every 6 months	6	0.52100	0.60150	0.68100	
Magnesium	mg/m3	Every 6 months	6	376.00000	398.66667	416.00000	
Manganese	mg/m3	Every 6 months	6	3.84000	4.02167	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	0.29067	0.31000	
Nitrate	mg/m3	Every 6 months	6	0.00500	0.00583	0.01000	
Nitrite	mg/m3	Every 6 months	6	0.00500	0.00500	0.00500	
Nitrite - Nitrate	mg/m3	Every 6 months	6	0.00500	0.00583	0.01000	
pH	mg/m3	Every 6 months	8	5.40000	5.41250	5.50000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	6	0.06000	0.07000	0.08000	
Phosphorus Total	mg/m3	Every 6 months	5	0.06000	0.08600	0.10000	
Potassium	mg/m3	Every 6 months	6	41.00000	45.00000	51.00000	
Selenium	mg/m3	Every 6 months	6	0.00030	0.00422	0.00500	
Silver	mg/m3	Every 6 months	6	0.00050	0.00075	0.00200	
Sodium	mg/m3	Every 6 months	6	1260.00000	1316.66667	1370.00000	
Strontium dissolved	mg/m3	Every 6 months	4	2.10000	2.29000	2.50000	
Sulfate	mg/m3	Every 6 months	6	3960.00000	4268.33333	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	41.16667	46.00000	
Total Dissolved Solids	mg/m3	Every 6 months	6	7750.00000	8071.66667	8420.00000	
Total Hardness	mg/m3	Every 6 months	6	2720.00000	2836.66667	2960.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	6	0.40000	0.45000	0.60000	
Total Nitrogen	mg/m3	Every 6 months	6	0.40000	0.45000	0.60000	
Vanadium	mg/m3	Every 6 months	6	0.00500	0.00500	0.00500	
Zinc	mg/m3	Every 6 months	6	0.10800	0.12050	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	0.03417	0.05000	
Ammonia	mg/m3	Every 6 months	6	0.14000	0.25500	0.50000	
Antimony	mg/m3	Every 6 months	6	0.00050	0.00050	0.00050	
Arsenic III	mg/m3	Every 6 months	6	0.00025	0.00025	0.00025	
Arsenic V	mg/m3	Every 6 months	6	0.00025	0.00025	0.00025	
Barium	mg/m3	Every 6 months	6	0.01500	0.01583	0.01700	
Beryllium	mg/m3	Every 6 months	6	0.00050	0.00050	0.00050	
Boron	mg/m3	Every 6 months	6	0.95000	1.00500	1.08000	
Cadmium	mg/m3	Every 6 months	6	0.00005	0.00005	0.00005	
Calcium	mg/m3	Every 6 months	6	565.00000	577.66667	595.00000	
Chloride	mg/m3	Every 6 months	6	331.00000	386.83333	586.00000	
Chromium III	mg/m3	Every 6 months	6	0.00050	0.00425	0.00500	
Chromium VI	mg/m3	Every 6 months	6	0.00050	0.00425	0.00500	
Cobalt	mg/m3	Every 6 months	6	0.00050	0.00058	0.00100	
Copper	mg/m3	Every 6 months	6	0.00050	0.00192	0.00900	
Electrical Conductivity	mg/m3	Every 6 months	8	4860.00000	5016.25000	5230.00000	
Iron	mg/m3	Every 6 months	6	0.13000	0.20500	0.29000	
Lead	mg/m3	Every 6 months	6	0.00050	0.00050	0.00050	
Lithium	mg/m3	Every 6 months	6	0.20800	0.23917	0.26900	
Magnesium	mg/m3	Every 6 months	6	166.00000	185.33333	222.00000	
Manganese	mg/m3	Every 6 months	6	1.49000	1.63333	1.76000	
Mercury	mg/m3	Every 6 months	6	0.00002	0.00005	0.00005	
Molybdenum	mg/m3	Every 6 months	6	0.00050	0.00050	0.00050	
Nickel	mg/m3	Every 6 months	6	0.00200	0.00300	0.00500	
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	7.01250	7.20000	
Phosphorus Dissolved Reactive	mg/m3	Every 6 months	6	0.00500	0.00583	0.01000	
Phosphorus Total	mg/m3	Every 6 months	5	0.00500	0.03500	0.07000	
Potassium	mg/m3	Every 6 months	6	16.00000	18.00000	23.00000	
Selenium	mg/m3	Every 6 months	6	0.00030	0.00422	0.00500	
Silver	mg/m3	Every 6 months	6	0.00050	0.00050	0.00050	
Sodium	mg/m3	Every 6 months	6	458.00000	515.66667	642.00000	
Strontium dissolved	mg/m3	Every 6 months	4	2.02000	2.45750	2.77000	
Sulfate	mg/m3	Every 6 months	6	2140.00000	2291.66667	2440.00000	
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	593.16667	631.00000	
Total Dissolved Solids	mg/m3	Every 6 months	6	3980.00000	4450.00000	5150.00000	
Total Hardness	mg/m3	Every 6 months	6	2130.00000	2205.00000	2340.00000	
Total Kjeldahl Nitrogen	mg/m3	Every 6 months	6	0.30000	0.36667	0.50000	
Total Nitrogen	mg/m3	Every 6 months	6	0.30000	0.36667	0.50000	
Vanadium	mg/m3	Every 6 months	6	0.00500	0.00500	0.00500	
Zinc	mg/m3	Every 6 months	6	0.00250	0.00250	0.00250	

Details of Non-Compliance with Licence Conditions	Start Time	Summary of particulars of the non-compliance (NO MORE THAN 50 WORDS)	If required, further details on particulars of non-compliance	Date(s) when the non-compliance occurred, if applicable	Cause of non-compliance	Mitigation	Action taken or that will be taken to prevent a recurrence of the non-compliance
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No incidents for the last month