



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

An aerial photograph of the Liddell Power Station, showing the large concrete dam structure, the reservoir, and the surrounding landscape. The image is partially obscured by a large white curved shape that frames the text on the right.

Monthly Data Summary

AGL Macquarie - Liddell Power Station

Environmental Protection License: EPL2122

EPA Monitoring Point 16



Start Of Month	End Of Month
01-Jul-25 12:00:00 AM	01-Aug-25 12:00:00 AM

Pollutant	Unit of measure	Sampling Frequency	No. samples collected	Lowest sample value	Mean value	Highest value
▲						

No samples collected in July 2025 at EPL Monitoring Point 16

EPA Monitoring Point 17



Start Of Month	End Of Month
01-Jul-25 12:00:00 AM	01-Aug-25 12:00:00 AM

Discharge from oil and grit trap weir overflow to Lake Liddell marked and shown as EPL Monitors ID. 17 on The Plans

Pollutant	Unit of measure	Sampling Frequency	No. samples collected	Lowest sample value	Mean value	Highest value
Ammonia	mg/L	Weekly during any discharge	39	0.00500	0.07244	0.36000
Anionic Surfactants	mg/L	Weekly during any discharge	39	0.05000	0.08205	0.30000
Anthracene	mg/L	Weekly during any discharge	2	0.00050	0.00050	0.00050
Antimony	mg/L	Weekly during any discharge	39	0.00050	0.00106	0.00700
Arsenic	mg/L	Weekly during any discharge	39	0.00050	0.00189	0.00500
Arsenic V	mg/L	Weekly during any discharge	2	0.00090	0.00110	0.00130
Benzo(a)pyrene	mg/L	Weekly during any discharge	2	0.00025	0.00025	0.00025
Boron	mg/L	Weekly during any discharge	39	0.02500	0.15095	1.13000
Cadmium	mg/L	Weekly during any discharge	39	0.00002	0.00006	0.00030
Chloride	mg/L	Weekly during any discharge	3	31.00000	33.66667	38.00000
Chromium	mg/L	Weekly during any discharge	39	0.00050	0.00064	0.00400
Chromium III	mg/L	Weekly during any discharge	39	0.00050	0.00477	0.00500
Chromium VI	mg/L	Weekly during any discharge	39	0.00050	0.00477	0.00500
Cobalt	mg/L	Weekly during any discharge	39	0.00010	0.00053	0.00200
Copper	mg/L	Weekly during any discharge	39	0.00050	0.00234	0.01200
Cyanide	mg/L	Weekly during any discharge	1	0.00200	0.00200	0.00200
Electrical Conductivity	uS/cm	Weekly during any discharge	80	174.00000	540.05000	2830.00000
Fluoride	mg/L	Weekly during any discharge	39	0.20000	0.40769	1.50000
Lead	mg/L	Weekly during any discharge	39	0.00050	0.00106	0.01500
Manganese	mg/L	Weekly during any discharge	39	0.00600	0.02645	0.08000
Mercury	mg/L	Weekly during any discharge	39	0.00000	0.00005	0.00005
Molybdenum	mg/L	Weekly during any discharge	39	0.00200	0.01743	0.10800
Nickel	mg/L	Weekly during any discharge	39	0.00050	0.00153	0.00400
Nitrogen	mg/L	Weekly during any discharge	39	0.20000	0.68205	1.60000
Nitrogen Oxides	mg/L	Weekly during any discharge	39	0.00500	0.08577	0.56000
Oil and Grease	mg/L	Weekly during any discharge	76	1.00000	1.23684	4.00000
pH	pH Unit	Weekly during any discharge	417	2.69000	7.87741	9.47000
Phosphorus	mg/L	Weekly during any discharge	39	0.00500	0.05205	0.16000
Selenium	mg/L	Weekly during any discharge	39	0.00120	0.00482	0.00500
Suspended Solids	mg/L	Weekly during any discharge	30	7.00000	15.76667	28.00000
Vanadium	mg/L	Weekly during any discharge	39	0.00500	0.00500	0.00500
Zinc	mg/L	Weekly during any discharge	39	0.00250	0.02341	0.21100

EPA Monitoring Point 18



Discharge from skimmer dam overflow spillway (located at the left abutment of the skimmer dam) to Lake Liddell marked and shown as EPL Monitors ID. 18 on The Plans

Pollutant	Unit of measure	Sampling Frequency	No. samples collected	Lowest sample value	Mean value	Highest value
Suspended Solids	mg/L	Weekly during any discharge	75	2.50000	6.09333	33.00000
Oil and Grease	mg/L	Weekly during any discharge	75	1.00000	1.30667	9.00000
pH	pH Unit	Weekly during any discharge	81	7.20000	7.53704	8.00000

Start Of Month	End Of Month
01-Jul-25 12:00:00 AM	01-Aug-25 12:00:00 AM

EPA Monitoring Point 20



Start Of Month	End Of Month
01-Jul-25 12:00:00 AM	01-Aug-25 12:00:00 AM

Water quality monitoring within the Lake Liddell downgradient of the Liddell ash dam, marked and shown as LL_001 on the SAQP

Pollutant	Unit of measure	Sampling Frequency	No. samples collected	Lowest sample value	Mean value	Highest value
Aluminium	mg/L	Quarterly	6	0.11000	0.84000	2.31000
Ammonia	mg/L	Quarterly	6	0.05000	0.08167	0.14000
Antimony	mg/L	Monthly	6	0.00050	0.00058	0.00100
Arsenic	mg/L	Monthly	6	0.00050	0.00258	0.00500
Arsenic V	mg/L	Monthly	1	0.00110	0.00110	0.00110
Barium	mg/L	Quarterly	6	0.04700	0.07683	0.12200
Beryllium	mg/L	Monthly	6	0.00050	0.00050	0.00050
Boron	mg/L	Monthly	6	0.12000	0.39333	1.12000
Cadmium	mg/L	Quarterly	6	0.00005	0.00005	0.00005
Calcium	mg/L	Quarterly	6	53.00000	101.50000	172.00000
Chloride	mg/L	Quarterly	6	113.00000	323.66667	552.00000
Chromium	mg/L	Monthly	6	0.00050	0.00125	0.00300
Chromium III	mg/L	Quarterly	1	0.00200	0.00200	0.00200
Chromium VI	mg/L	Quarterly	1	0.00050	0.00050	0.00050
Cobalt	mg/L	Monthly	6	0.00050	0.00075	0.00200
Copper	mg/L	Quarterly	6	0.02600	0.04917	0.07000
Cyanide	mg/L	Quarterly	6	0.00200	0.00200	0.00200
Electrical Conductivity	uS/cm	Monthly	6	1013.00000	2001.66667	3350.00000
Fluoride	mg/L	Quarterly	6	0.50000	0.78333	1.60000
Iron	mg/L	Quarterly	6	0.20000	1.22500	3.12000
Lead	mg/L	Quarterly	6	0.00050	0.00100	0.00200
Magnesium	mg/L	Quarterly	6	39.00000	85.16667	141.00000
Manganese	mg/L	Quarterly	6	0.05600	0.11833	0.25200
Mercury	mg/L	Quarterly	6	0.00004	0.00005	0.00005
Molybdenum	mg/L	Monthly	6	0.00600	0.01933	0.05600
Nickel	mg/L	Monthly	6	0.00800	0.00983	0.01300
Nitrogen	mg/L	Quarterly	6	0.80000	1.05000	1.20000
Nitrogen Oxides	mg/L	Quarterly	6	0.23000	0.35000	0.54000
pH	pH Unit	Monthly	6	7.70000	7.91667	8.10000
Phosphorus	mg/L	Quarterly	6	0.06000	0.10000	0.13000
Phosphorus Dissolved Reactive	mg/L	Quarterly	6	0.02000	0.03167	0.05000
Potassium	mg/L	Quarterly	6	8.00000	12.16667	20.00000
Selenium	mg/L	Monthly	6	0.00110	0.00435	0.00500
Silver	mg/L	Quarterly				
Sodium	mg/L	Quarterly	6	87.00000	208.16667	373.00000
Sulfate	mg/L	Monthly	6	286.00000	488.33333	817.00000
Suspended Solids	mg/L	Monthly	6	12.00000	37.33333	78.00000
Total Hardness	mg/L	Quarterly	6	293.00000	609.50000	1010.00000

EPA Monitoring Point 21



Start Of Month	End Of Month
01-Jul-25 12:00:00 AM	01-Aug-25 12:00:00 AM

Water quality monitoring within Tinkers Creek downstream of the south-eastern portion of the Liddell ash dam, marked and shown as TC_001 on the SAQP

Pollutant	Unit of measure	Sampling Frequency	No. samples collected	Lowest sample value	Mean value	Highest value
Aluminium	mg/L	Quarterly	6	0.18000	0.73833	2.10000
Ammonia	mg/L	Quarterly	6	0.06000	0.08167	0.10000
Antimony	mg/L	Monthly	6	0.00050	0.00075	0.00200
Arsenic	mg/L	Monthly	6	0.00050	0.00292	0.00500
Arsenic V	mg/L	Monthly	1	0.00090	0.00090	0.00090
Barium	mg/L	Quarterly	6	0.04100	0.08933	0.13200
Beryllium	mg/L	Monthly	6	0.00050	0.00050	0.00050
Boron	mg/L	Monthly	6	0.18000	0.45000	1.13000
Cadmium	mg/L	Quarterly	6	0.00005	0.00006	0.00010
Calcium	mg/L	Quarterly	6	57.00000	115.83333	179.00000
Chloride	mg/L	Quarterly	6	152.00000	354.83333	521.00000
Chromium	mg/L	Monthly	6	0.00050	0.00242	0.00900
Chromium III	mg/L	Quarterly	1	0.00050	0.00050	0.00050
Chromium VI	mg/L	Quarterly	1	0.00050	0.00050	0.00050
Cobalt	mg/L	Monthly	6	0.00050	0.00092	0.00300
Copper	mg/L	Quarterly	6	0.03100	0.05667	0.06700
Cyanide	mg/L	Quarterly	6	0.00200	0.00200	0.00200
Electrical Conductivity	uS/cm	Monthly	6	1266.00000	2224.83333	3350.00000
Fluoride	mg/L	Quarterly	6	0.50000	0.83333	1.50000
Iron	mg/L	Quarterly	6	0.54000	1.18000	3.00000
Lead	mg/L	Quarterly	6	0.00050	0.00075	0.00200
Magnesium	mg/L	Quarterly	6	53.00000	97.33333	139.00000
Manganese	mg/L	Quarterly	6	0.06600	0.13483	0.28800
Mercury	mg/L	Quarterly	6	0.00002	0.00005	0.00005
Molybdenum	mg/L	Monthly	6	0.00600	0.02067	0.05400
Nickel	mg/L	Monthly	6	0.00700	0.01067	0.01600
Nitrogen	mg/L	Quarterly	6	0.70000	1.23333	1.70000
Nitrogen Oxides	mg/L	Quarterly	6	0.16000	0.34333	0.66000
pH	pH Unit	Monthly	6	7.50000	7.96667	8.20000
Phosphorus	mg/L	Quarterly	6	0.07000	0.15000	0.40000
Phosphorus Dissolved Reactive	mg/L	Quarterly	6	0.02000	0.03833	0.06000
Potassium	mg/L	Quarterly	6	6.00000	12.50000	21.00000
Selenium	mg/L	Monthly	6	0.00070	0.00428	0.00500
Sodium	mg/L	Quarterly	6	114.00000	232.16667	375.00000
Sulfate	mg/L	Monthly	6	301.00000	558.00000	855.00000
Suspended Solids	mg/L	Monthly	6	19.00000	36.33333	78.00000
Total Hardness	mg/L	Quarterly	6	352.00000	695.16667	1030.00000
Vanadium	mg/L	Monthly	6	0.00500	0.00500	0.00500

EPA Monitoring Point 23



Start Of Month	End Of Month
01-Jul-25 12:00:00 AM	01-Aug-25 12:00:00 AM

Water quality monitoring within the western seepage pond 4, marked and shown as SP4 on the SAQP

Pollutant	Unit of measure	Sampling Frequency	No. samples collected	Lowest sample value	Mean value	Highest value
Aluminium	mg/L	Quarterly	5	0.00500	0.00800	0.02000
Ammonia	mg/L	Quarterly	5	0.16000	0.18400	0.23000
Antimony	mg/L	Monthly	5	0.00050	0.00060	0.00100
Arsenic	mg/L	Monthly	5	0.00050	0.00050	0.00050
Arsenic V	mg/L	Monthly	1	0.00120	0.00120	0.00120
Barium	mg/L	Quarterly	5	0.01500	0.01640	0.01900
Beryllium	mg/L	Monthly	5	0.00050	0.00050	0.00050
Boron	mg/L	Monthly	5	3.05000	3.20800	3.48000
Cadmium	mg/L	Quarterly	5	0.00005	0.00005	0.00005
Calcium	mg/L	Quarterly	5	268.00000	281.20000	293.00000
Chloride	mg/L	Quarterly	5	469.00000	477.40000	498.00000
Chromium	mg/L	Monthly	5	0.00050	0.00050	0.00050
Chromium III	mg/L	Quarterly	1	0.00050	0.00050	0.00050
Chromium VI	mg/L	Quarterly	1	0.00050	0.00050	0.00050
Cobalt	mg/L	Monthly	5	0.01100	0.01680	0.02100
Copper	mg/L	Quarterly	5	0.00050	0.00050	0.00050
Cyanide	mg/L	Quarterly	5	0.00200	0.00200	0.00200
Electrical Conductivity	uS/cm	Monthly	5	3560.00000	3742.00000	3980.00000
Fluoride	mg/L	Quarterly	5	1.10000	1.18000	1.20000
Iron	mg/L	Quarterly	5	0.35000	0.57600	0.74000
Lead	mg/L	Quarterly	5	0.00050	0.00050	0.00050
Magnesium	mg/L	Quarterly	5	159.00000	165.60000	176.00000
Manganese	mg/L	Quarterly	5	0.47600	0.70760	0.81300
Mercury	mg/L	Quarterly	5	0.00000	0.00004	0.00005
Molybdenum	mg/L	Monthly	5	0.09600	0.10840	0.12000
Nickel	mg/L	Monthly	5	0.03900	0.04580	0.05400
Nitrogen	mg/L	Quarterly	5	0.20000	0.42000	0.60000
Nitrogen Oxides	mg/L	Quarterly	5	0.00500	0.02700	0.06000
pH	pH Unit	Monthly	5	7.00000	7.06000	7.10000
Phosphorus	mg/L	Quarterly	5	0.00500	0.02100	0.03000
Phosphorus Dissolved Reactive	mg/L	Quarterly	5	0.00500	0.00500	0.00500
Potassium	mg/L	Quarterly	5	25.00000	27.00000	29.00000
Selenium	mg/L	Monthly	5	0.00010	0.00402	0.00500
Sodium	mg/L	Quarterly	5	362.00000	376.40000	388.00000
Sulfate	mg/L	Monthly	5	1090.00000	1260.00000	1510.00000
Suspended Solids	mg/L	Monthly	5	2.50000	3.20000	6.00000
Total Hardness	mg/L	Quarterly	5	1360.00000	1394.00000	1450.00000
Vanadium	mq/L	Monthly	5	0.00500	0.00500	0.00500

EPA Monitoring Point 24



Start Of Month	End Of Month
01-Jul-25 12:00:00 AM	01-Aug-25 12:00:00 AM

Water quality monitoring within the western seepage pond 2, marked and shown as SP2 on the SAQP

Pollutant	Unit of measure	Sampling Frequency	No. samples collected	Lowest sample value	Mean value	Highest value
Aluminium	mg/L	Quarterly	5	0.06000	0.11800	0.21000
Ammonia	mg/L	Quarterly	5	0.02000	0.03600	0.06000
Antimony	mg/L	Monthly	5	0.00050	0.00110	0.00300
Arsenic	mg/L	Monthly	5	0.00050	0.00140	0.00200
Barium	mg/L	Quarterly	5	0.02400	0.02980	0.03300
Beryllium	mg/L	Monthly	5	0.00050	0.00050	0.00050
Boron	mg/L	Monthly	5	1.17000	2.48800	3.88000
Cadmium	mg/L	Quarterly	5	0.00005	0.00005	0.00005
Calcium	mg/L	Quarterly	5	164.00000	240.60000	309.00000
Chloride	mg/L	Quarterly	5	374.00000	631.00000	839.00000
Chromium	mg/L	Monthly	5	0.00050	0.00050	0.00050
Cobalt	mg/L	Monthly	5	0.00050	0.00050	0.00050
Copper	mg/L	Quarterly	5	0.00050	0.00050	0.00050
Cyanide	mg/L	Quarterly	5	0.00200	0.00200	0.00200
Electrical Conductivity	uS/cm	Monthly	5	3180.00000	5350.00000	7100.00000
Fluoride	mg/L	Quarterly	5	0.80000	0.86000	0.90000
Iron	mg/L	Quarterly	5	0.07000	0.16000	0.34000
Lead	mg/L	Quarterly	5	0.00050	0.00050	0.00050
Magnesium	mg/L	Quarterly	5	165.00000	301.40000	427.00000
Manganese	mg/L	Quarterly	5	0.02000	0.03160	0.03600
Mercury	mg/L	Quarterly	5	0.00000	0.00004	0.00005
Molybdenum	mg/L	Monthly	5	0.03300	0.07080	0.10600
Nickel	mg/L	Monthly	5	0.00500	0.00800	0.01000
Nitrogen	mg/L	Quarterly	5	0.50000	0.86000	1.20000
Nitrogen Oxides	mg/L	Quarterly	5	0.00500	0.00500	0.00500
pH	pH Unit	Monthly	5	7.80000	8.20000	8.40000
Phosphorus	mg/L	Quarterly	5	0.02000	0.04800	0.07000
Phosphorus Dissolved Reactive	mg/L	Quarterly	5	0.00500	0.00500	0.00500
Potassium	mg/L	Quarterly	5	18.00000	26.00000	35.00000
Selenium	mg/L	Monthly	5	0.00440	0.00488	0.00500
Sodium	mg/L	Quarterly	5	346.00000	664.80000	946.00000
Sulfate	mg/L	Monthly	5	960.00000	2122.00000	3200.00000
Suspended Solids	mg/L	Monthly	5	6.00000	13.60000	22.00000
Total Hardness	mg/L	Quarterly	5	1110.00000	1838.00000	2540.00000
Vanadium	mg/L	Monthly	5	0.00500	0.00500	0.00500
Zinc	mg/L	Monthly	5	0.00250	0.00320	0.00600
Arsenic V	mg/L	Monthly	2	0.00050	0.00070	0.00090
Chromium III	mq/L	Quarterly	1	0.00050	0.00050	0.00050

EPA Monitoring Point 25



Start Of Month

End Of Month

01-Jul-25 12:00:00 AM01-Aug-25 12:00:00 AM

Water quality within the Skimmer Dam, marked and shown as ENV-SW28 on the SAQP

Pollutant	Unit of measure	Sampling Frequency	No. samples collected	Lowest sample value	Mean value	Highest value
Aluminium	mg/L	Quarterly	22	0.00500	0.07159	1.23000
Ammonia	mg/L	Quarterly	8	0.01000	0.02875	0.06000
Antimony	mg/L	Monthly	24	0.00050	0.00415	0.00600
Arsenic	mg/L	Monthly	81	0.00600	0.01585	0.03500
Arsenic V	mg/L	Monthly	6	0.00540	0.01232	0.02430
Barium	mg/L	Quarterly	6	0.02700	0.03250	0.04100
Beryllium	mg/L	Monthly	22	0.00050	0.00050	0.00050
Boron	mg/L	Monthly	81	1.12000	2.09667	3.03000
Cadmium	mg/L	Quarterly	81	0.00005	0.00005	0.00005
Calcium	mg/L	Quarterly	22	137.00000	340.59091	480.00000
Chloride	mg/L	Quarterly	24	251.00000	531.79167	688.00000
Chromium	mg/L	Monthly	81	0.00050	0.00052	0.00200
Chromium III	mg/L	Quarterly	76	0.00050	0.00553	0.05000
Chromium VI	mg/L	Quarterly	76	0.00050	0.00553	0.05000
Cobalt	mg/L	Monthly	8	0.00050	0.00069	0.00200
Copper	mg/L	Quarterly	81	0.00050	0.00066	0.00500
Cyanide	mg/L	Quarterly	22	0.00200	0.00200	0.00200
Electrical Conductivity	uS/cm	Monthly	81	1983.00000	4243.37037	5200.00000
Fluoride	mg/L	Quarterly	81	0.70000	1.46543	2.00000
Iron	mg/L	Quarterly	22	0.02500	0.12000	1.64000
Lead	mg/L	Quarterly	81	0.00050	0.00050	0.00050
Magnesium	mg/L	Quarterly	22	68.00000	152.13636	198.00000
Manganese	mg/L	Quarterly	24	0.01500	0.08158	0.32500
Mercury	mg/L	Quarterly	81	0.00000	0.00005	0.00040
Molybdenum	mg/L	Monthly	24	0.03000	0.08183	0.15200
Nickel	mg/L	Monthly	24	0.00200	0.00333	0.00600
Nitrogen	mg/L	Quarterly	24	0.20000	0.55000	1.00000
Nitrogen Oxides	mg/L	Quarterly	24	0.00500	0.00979	0.04000
pH	pH Unit	Monthly	81	7.20000	7.53704	8.00000
Phosphorus	mg/L	Quarterly	8	0.03000	0.06875	0.21000
Phosphorus Dissolved Reactive	mg/L	Quarterly	6	0.00500	0.00750	0.02000
Potassium	mg/L	Quarterly	22	12.00000	23.59091	31.00000
Selenium	mg/L	Monthly	81	0.00480	0.00500	0.00500
Silver	mg/L	Quarterly	16	0.00050	0.00050	0.00050
Sodium	mg/L	Quarterly	22	177.00000	443.22727	577.00000
Sulfate	mg/L	Monthly	22	595.00000	1497.22727	2050.00000
Suspended Solids	mg/L	Monthly	6	2.50000	10.66667	38.00000
Total Hardness	mg/L	Quarterly	22	622.00000	1479.36364	2040.00000
Turbidity	NTU	Quarterly	2	0.60000	4.62500	8.65000
Vanadium	mg/L	Monthly	24	0.00500	0.00688	0.02000
Zinc	mg/L	Monthly	81	0.00250	0.00604	0.02100

EPA Monitoring Point 26



Start Of Month	End Of Month
01-Jul-25 12:00:00 AM	01-Aug-25 12:00:00 AM

Water quality within the Borrow Pit Dam, marked and shown as Borrow Pit Dam on the SAQP

Pollutant	Unit of measure	Sampling Frequency	No. samples collected	Lowest sample value	Mean value	Highest value
Aluminium	mg/L	Quarterly	5	0.03000	0.59800	2.80000
Ammonia	mg/L	Quarterly	5	0.01000	0.03800	0.06000
Antimony	mg/L	Monthly	5	0.00050	0.00050	0.00050
Arsenic	mg/L	Monthly	5	0.00300	0.00440	0.00600
Arsenic V	mg/L	Monthly				
Barium	mg/L	Quarterly	5	0.01700	0.02620	0.04700
Beryllium	mg/L	Monthly	5	0.00050	0.00050	0.00050
Boron	mg/L	Monthly	5	0.15000	0.34800	0.49000
Cadmium	mg/L	Quarterly	5	0.00005	0.00005	0.00005
Calcium	mg/L	Quarterly	5	28.00000	54.60000	68.00000
Chloride	mg/L	Quarterly	5	406.00000	841.20000	976.00000
Chromium	mg/L	Monthly	5	0.00050	0.00120	0.00400
Chromium III	mg/L	Quarterly				
Chromium VI	mg/L	Quarterly				
Cobalt	mg/L	Monthly	5	0.00050	0.00060	0.00100
Copper	mg/L	Quarterly	5	0.00050	0.00100	0.00300
Cyanide	mg/L	Quarterly	5	0.00200	0.00200	0.00200
Electrical Conductivity	uS/cm	Monthly	5	2900.00000	6602.00000	8970.00000
Fluoride	mg/L	Quarterly	5	0.50000	0.74000	0.80000
Iron	mg/L	Quarterly	5	0.02500	0.91000	4.36000
Lead	mg/L	Quarterly	5	0.00050	0.00100	0.00300
Magnesium	mg/L	Quarterly	5	186.00000	410.80000	494.00000
Manganese	mg/L	Quarterly	5	0.02100	0.06840	0.11200
Mercury	mg/L	Quarterly	5	0.00005	0.00005	0.00005
Molybdenum	mg/L	Monthly	5	0.00050	0.00280	0.00700
Nickel	mg/L	Monthly	5	0.00200	0.00280	0.00500
Nitrogen	mg/L	Quarterly	5	1.10000	1.26000	1.40000
Nitrogen Oxides	mg/L	Quarterly	5	0.00500	0.01300	0.04000
pH	pH Unit	Monthly	5	7.30000	8.46000	8.80000
Phosphorus	mg/L	Quarterly	5	0.04000	0.06000	0.11000
Phosphorus Dissolved Reactive	mg/L	Quarterly	5	0.00500	0.00500	0.00500
Potassium	mg/L	Quarterly	5	10.00000	25.40000	32.00000
Selenium	mg/L	Monthly	5	0.00500	0.00500	0.00500
Sodium	mg/L	Quarterly	5	343.00000	911.80000	1100.00000
Sulfate	mg/L	Monthly	5	858.00000	2225.60000	3130.00000
Suspended Solids	mg/L	Monthly	5	9.00000	37.20000	126.00000
Total Hardness	mg/L	Quarterly	5	683.00000	1834.60000	2250.00000
Vanadium	ma/L	Monthlv	5	0.00500	0.00500	0.00500

EPA Monitoring Point GW01C



Start Of Month

End Of Month

01-Jul-25 12:00:00 AM

01-Aug-25 12:00:00 AM

Monitoring Bore marked as GC01C on the SAQP

Pollutant	Unit of measure	Sampling Frequency	No. samples collected	Lowest sample value	Mean value	Highest value
Aluminium	mg/L	Quarterly	1	0.04000	0.04000	0.04000
Ammonia	mg/L	Every 6 months	1	0.05000	0.05000	0.05000
Antimony	mg/L	Every 6 months	1	0.00050	0.00050	0.00050
Arsenic	mg/L	Every 6 months	1	0.00050	0.00050	0.00050
Arsenic V	mg/L	Every 6 months	1	0.00060	0.00060	0.00060
Barium	mg/L	Every 6 months	1	0.02300	0.02300	0.02300
Beryllium	mg/L	Every 6 months	1	0.00050	0.00050	0.00050
Boron	mg/L	Quarterly	1	0.26000	0.26000	0.26000
Cadmium	mg/L	Quarterly	1	0.00005	0.00005	0.00005
Calcium	mg/L	Every 6 months	1	230.00000	230.00000	230.00000
Chloride	mg/L	Every 6 months	1	2200.00000	2200.00000	2200.00000
Chromium	mg/L	Quarterly	1	0.00050	0.00050	0.00050
Chromium III	mg/L	Quarterly	1	0.00050	0.00050	0.00050
Chromium VI	mg/L	Quarterly	1	0.00050	0.00050	0.00050
Cobalt	mg/L	Every 6 months	1	0.00050	0.00050	0.00050
Copper	mg/L	Quarterly	1	0.00050	0.00050	0.00050
Cyanide	mg/L	Quarterly	1	0.00200	0.00200	0.00200
Electrical Conductivity	uS/cm	Quarterly	1	9000.00000	9000.00000	9000.00000
Electrical Conductivity Field	uS/cm	Quarterly	1	9300.00000	9300.00000	9300.00000
Fluoride	mg/L	Every 6 months	1	0.30000	0.30000	0.30000
Iron	mg/L	Every 6 months	1	0.10000	0.10000	0.10000
Lead	mg/L	Every 6 months	1	0.00050	0.00050	0.00050
Magnesium	mg/L	Every 6 months	1	392.00000	392.00000	392.00000
Manganese	mg/L	Quarterly	1	0.03200	0.03200	0.03200
Mercury	mg/L	Every 6 months	1	0.00000	0.00000	0.00000
Molybdenum	mg/L	Every 6 months	1	0.00300	0.00300	0.00300
Nickel	mg/L	Quarterly	1	0.00200	0.00200	0.00200
Nitrate	mg/L	Every 6 months	1	0.03000	0.03000	0.03000
Nitrogen	mg/L	Quarterly	1	0.20000	0.20000	0.20000
Nitrogen Oxides	mg/L	Every 6 months	1	0.03000	0.03000	0.03000
pH	pH Unit	Quarterly	1	7.29000	7.29000	7.29000
pH Field	pH Unit	Quarterly	1	7.00000	7.00000	7.00000
Phosphorus	mg/L	Every 6 months	1	0.00500	0.00500	0.00500
Phosphorus Dissolved Reactive	mg/L	Every 6 months	1	0.00500	0.00500	0.00500
Potassium	mg/L	Every 6 months	1	49.00000	49.00000	49.00000
Selenium	mg/L	Quarterly	1	0.00230	0.00230	0.00230
Sodium	mg/L	Every 6 months	1	1290.00000	1290.00000	1290.00000
Sulfate	mg/L	Every 6 months	1	1340.00000	1340.00000	1340.00000
Total Dissolved Solids	mg/L	Every 6 months	1	5850.00000	5850.00000	5850.00000
Total Hardness	mg/L	Every 6 months	1	2140.00000	2140.00000	2140.00000
Vanadium	mg/L	Every 6 months	1	0.00500	0.00500	0.00500

EPA Monitoring Point LB-MW01



Start Of Month	End Of Month
01-Jul-25 12:00:00 AM	01-Aug-25 12:00:00 AM

Monitoring Bore marked as LB-MW01 on the SAQP

Pollutant	Unit of measure	Sampling Frequency	No. samples collected	Lowest sample value	Mean value	Highest value
Aluminium	mg/L	Quarterly	4	0.00500	0.37125	0.85000
Ammonia	mg/L	Every 6 months	1	0.13000	0.13000	0.13000
Antimony	mg/L	Every 6 months	1	0.00050	0.00050	0.00050
Arsenic	mg/L	Every 6 months	4	0.00050	0.00075	0.00100
Arsenic V	mg/L	Every 6 months	1	0.00080	0.00080	0.00080
Barium	mg/L	Every 6 months	4	0.01600	0.02325	0.03300
Beryllium	mg/L	Every 6 months	4	0.00050	0.00050	0.00050
Boron	mg/L	Quarterly	4	0.05000	0.06250	0.07000
Cadmium	mg/L	Quarterly	4	0.00005	0.00005	0.00005
Calcium	mg/L	Every 6 months	4	163.00000	302.00000	457.00000
Chloride	mg/L	Every 6 months	4	445.00000	532.75000	605.00000
Chromium	mg/L	Quarterly	4	0.00050	0.00100	0.00200
Chromium III	mg/L	Quarterly	1	0.00200	0.00200	0.00200
Chromium VI	mg/L	Quarterly	1	0.00050	0.00050	0.00050
Cobalt	mg/L	Every 6 months	4	0.00050	0.00163	0.00200
Copper	mg/L	Quarterly	4	0.00050	0.00063	0.00100
Cyanide	mg/L	Quarterly	1	0.00200	0.00200	0.00200
Electrical Conductivity	uS/cm	Quarterly	1	13400.00000	13400.00000	13400.00000
Electrical Conductivity Field	uS/cm	Quarterly	4	7330.00000	10167.50000	13820.00000
Fluoride	mg/L	Every 6 months	4	0.80000	0.87500	1.00000
Iron	mg/L	Every 6 months	4	0.02500	0.93875	2.22000
Lead	mg/L	Every 6 months	4	0.00050	0.00150	0.00300
Magnesium	mg/L	Every 6 months	4	467.00000	926.25000	1590.00000
Manganese	mg/L	Quarterly	4	0.04500	0.09175	0.12700
Mercury	mg/L	Every 6 months	4	0.00000	0.00004	0.00005
Molybdenum	mg/L	Every 6 months	4	0.00100	0.00125	0.00200
Nickel	mg/L	Quarterly	4	0.00300	0.00600	0.00900
Nitrate	mg/L	Every 6 months	4	3.88000	5.35000	7.73000
Nitrogen	mg/L	Quarterly	4	4.70000	6.05000	8.50000
Nitrogen Oxides	mg/L	Every 6 months	4	3.88000	5.36500	7.77000
pH	pH Unit	Quarterly	1	7.49000	7.49000	7.49000
pH Field	pH Unit	Quarterly	4	7.10000	7.22500	7.40000
Phosphorus	mg/L	Every 6 months	1	0.09000	0.09000	0.09000
Phosphorus Dissolved Reactive	mg/L	Every 6 months	1	0.01000	0.01000	0.01000
Potassium	mg/L	Every 6 months	4	56.00000	60.25000	67.00000
Selenium	mg/L	Quarterly	4	0.01000	0.02383	0.03530
Sodium	mg/L	Every 6 months	4	1180.00000	1385.00000	1560.00000
Sulfate	mg/L	Every 6 months	4	3120.00000	5665.00000	9480.00000
Total Dissolved Solids	mg/L	Every 6 months	3	6450.00000	8496.66667	10500.00000
Total Hardness	mg/L	Every 6 months	4	2330.00000	4432.50000	7150.00000
Vanadium	mg/L	Every 6 months	4	0.00500	0.00500	0.00500

EPA Monitoring Point LB-MW03



Start Of Month

End Of Month

01-Jul-25 12:00:00 AM

01-Aug-25 12:00:00 AM

Monitoring Bore marked as LB-MW03 on the SAQP

Pollutant	Unit of measure	Sampling Frequency	No. samples collected	Lowest sample value	Mean value	Highest value
Aluminium	mg/L	Quarterly	5	0.00500	0.01900	0.05000
Ammonia	mg/L	Every 6 months	2	0.07000	0.07500	0.08000
Antimony	mg/L	Every 6 months	2	0.00050	0.00050	0.00050
Arsenic	mg/L	Every 6 months	5	0.00050	0.00050	0.00050
Arsenic V	mg/L	Every 6 months	1	0.00100	0.00100	0.00100
Barium	mg/L	Every 6 months	5	0.01300	0.01480	0.01600
Beryllium	mg/L	Every 6 months	5	0.00050	0.00050	0.00050
Boron	mg/L	Quarterly	5	1.82000	2.09400	2.61000
Cadmium	mg/L	Quarterly	5	0.00005	0.00005	0.00005
Calcium	mg/L	Every 6 months	5	210.00000	228.60000	244.00000
Chloride	mg/L	Every 6 months	5	430.00000	489.00000	567.00000
Chromium	mg/L	Quarterly	5	0.00050	0.00050	0.00050
Chromium III	mg/L	Quarterly	1	0.00050	0.00050	0.00050
Chromium VI	mg/L	Quarterly	1	0.00050	0.00050	0.00050
Cobalt	mg/L	Every 6 months	5	0.02400	0.02740	0.03200
Copper	mg/L	Quarterly	5	0.00050	0.00050	0.00050
Cyanide	mg/L	Quarterly	2	0.00200	0.00200	0.00200
Electrical Conductivity	uS/cm	Quarterly	2	3540.00000	3665.00000	3790.00000
Electrical Conductivity Field	uS/cm	Quarterly	5	3980.00000	4050.00000	4120.00000
Fluoride	mg/L	Every 6 months	5	0.80000	0.90000	1.10000
Iron	mg/L	Every 6 months	5	0.02500	0.05400	0.09000
Lead	mg/L	Every 6 months	5	0.00050	0.00050	0.00050
Magnesium	mg/L	Every 6 months	5	229.00000	246.40000	258.00000
Manganese	mg/L	Quarterly	5	1.23000	1.40600	1.61000
Mercury	mg/L	Every 6 months	5	0.00000	0.00004	0.00005
Molybdenum	mg/L	Every 6 months	5	0.01000	0.01160	0.01500
Nickel	mg/L	Quarterly	5	0.04800	0.06000	0.08000
Nitrate	mg/L	Every 6 months	5	0.00500	0.08900	0.42000
Nitrogen	mg/L	Quarterly	5	0.10000	0.26000	0.60000
Nitrogen Oxides	mg/L	Every 6 months	5	0.00500	0.08900	0.42000
pH	pH Unit	Quarterly	2	7.20000	7.24000	7.28000
pH Field	pH Unit	Quarterly	5	6.80000	6.98000	7.10000
Phosphorus	mg/L	Every 6 months	2	0.01000	0.01000	0.01000
Phosphorus Dissolved Reactive	mg/L	Every 6 months	2	0.00500	0.00500	0.00500
Potassium	mg/L	Every 6 months	5	25.00000	30.00000	39.00000
Selenium	mg/L	Quarterly	5	0.00010	0.00402	0.00500
Sodium	mg/L	Every 6 months	5	371.00000	386.20000	401.00000
Sulfate	mg/L	Every 6 months	5	1280.00000	1358.00000	1410.00000
Total Dissolved Solids	mg/L	Every 6 months	3	3150.00000	3213.33333	3310.00000
Total Hardness	mg/L	Every 6 months	5	1520.00000	1580.00000	1660.00000
Vanadium	mg/L	Every 6 months	5	0.00500	0.00500	0.00500

EPA Monitoring Point LB-MW05



Start Of Month

End Of Month

01-Jul-25 12:00:00 AM

01-Aug-25 12:00:00 AM

Monitoring Bore marked as LB-MW05 on the SAQP

Pollutant	Unit of measure	Sampling Frequency	No. samples collected	Lowest sample value	Mean value	Highest value
Aluminium	mg/L	Quarterly	5	0.00500	0.51900	2.30000
Ammonia	mg/L	Every 6 months	2	0.07000	0.09000	0.11000
Antimony	mg/L	Every 6 months	2	0.00050	0.00050	0.00050
Arsenic	mg/L	Every 6 months	5	0.00100	0.00320	0.00900
Arsenic V	mg/L	Every 6 months	1	0.00180	0.00180	0.00180
Barium	mg/L	Every 6 months	5	0.02700	0.03460	0.05700
Beryllium	mg/L	Every 6 months	5	0.00050	0.00050	0.00050
Boron	mg/L	Quarterly	5	0.38000	0.41800	0.45000
Cadmium	mg/L	Quarterly	5	0.00005	0.00005	0.00005
Calcium	mg/L	Every 6 months	5	89.00000	95.40000	105.00000
Chloride	mg/L	Every 6 months	5	765.00000	829.80000	912.00000
Chromium	mg/L	Quarterly	5	0.00050	0.00120	0.00400
Chromium III	mg/L	Quarterly	1	0.00050	0.00050	0.00050
Chromium VI	mg/L	Quarterly	1	0.00050	0.00050	0.00050
Cobalt	mg/L	Every 6 months	5	0.00100	0.00200	0.00300
Copper	mg/L	Quarterly	5	0.00050	0.00080	0.00200
Cyanide	mg/L	Quarterly	2	0.00200	0.00200	0.00200
Electrical Conductivity	uS/cm	Quarterly	2	3880.00000	4015.00000	4150.00000
Electrical Conductivity Field	uS/cm	Quarterly	5	4350.00000	4476.00000	4830.00000
Fluoride	mg/L	Every 6 months	5	1.00000	1.08000	1.20000
Iron	mg/L	Every 6 months	5	0.42000	1.97800	7.71000
Lead	mg/L	Every 6 months	5	0.00050	0.00120	0.00400
Magnesium	mg/L	Every 6 months	5	228.00000	253.60000	282.00000
Manganese	mg/L	Quarterly	5	0.09300	0.15300	0.28100
Mercury	mg/L	Every 6 months	5	0.00000	0.00004	0.00005
Molybdenum	mg/L	Every 6 months	5	0.00300	0.00440	0.00500
Nickel	mg/L	Quarterly	5	0.00200	0.00280	0.00500
Nitrate	mg/L	Every 6 months	5	0.00500	0.00900	0.02000
Nitrogen	mg/L	Quarterly	5	0.20000	0.38000	0.80000
Nitrogen Oxides	mg/L	Every 6 months	5	0.00500	0.01300	0.03000
pH	pH Unit	Quarterly	2	7.48000	7.48500	7.49000
pH Field	pH Unit	Quarterly	5	7.20000	7.28000	7.30000
Phosphorus	mg/L	Every 6 months	2	0.03000	0.03000	0.03000
Phosphorus Dissolved Reactive	mg/L	Every 6 months	2	0.01000	0.01500	0.02000
Potassium	mg/L	Every 6 months	5	16.00000	19.40000	23.00000
Selenium	mg/L	Quarterly	5	0.00010	0.00402	0.00500
Sodium	mg/L	Every 6 months	5	496.00000	529.00000	578.00000
Sulfate	mg/L	Every 6 months	5	695.00000	723.40000	756.00000
Total Dissolved Solids	mg/L	Every 6 months	3	2950.00000	3073.33333	3150.00000
Total Hardness	mg/L	Every 6 months	5	1190.00000	1280.00000	1420.00000
Vanadium	mg/L	Every 6 months	5	0.00500	0.00500	0.00500

EPA Monitoring Point LB-MW08



Start Of Month

End Of Month

01-Jul-25 12:00:00 AM

01-Aug-25 12:00:00 AM

Monitoring Bore marked as LB-MW08 on the SAQP

Pollutant	Unit of measure	Sampling Frequency	No. samples collected	Lowest sample value	Mean value	Highest value
Aluminium	mg/L	Quarterly	5	0.00500	0.05200	0.14000
Ammonia	mg/L	Every 6 months	2	0.40000	0.40000	0.40000
Antimony	mg/L	Every 6 months	2	0.00050	0.00050	0.00050
Arsenic	mg/L	Every 6 months	5	0.00050	0.00090	0.00200
Arsenic V	mg/L	Every 6 months	1	0.00120	0.00120	0.00120
Barium	mg/L	Every 6 months	5	0.01600	0.01840	0.02100
Beryllium	mg/L	Every 6 months	5	0.00050	0.00050	0.00050
Boron	mg/L	Quarterly	5	1.60000	1.77600	1.97000
Cadmium	mg/L	Quarterly	5	0.00005	0.00005	0.00005
Calcium	mg/L	Every 6 months	5	559.00000	596.20000	622.00000
Chloride	mg/L	Every 6 months	5	473.00000	505.20000	530.00000
Chromium	mg/L	Quarterly	5	0.00050	0.00050	0.00050
Chromium III	mg/L	Quarterly	1	0.00050	0.00050	0.00050
Chromium VI	mg/L	Quarterly	1	0.00050	0.00050	0.00050
Cobalt	mg/L	Every 6 months	5	0.00050	0.00150	0.00300
Copper	mg/L	Quarterly	5	0.00050	0.00050	0.00050
Cyanide	mg/L	Quarterly	2	0.00200	0.00200	0.00200
Electrical Conductivity	uS/cm	Quarterly	2	4910.00000	5120.00000	5330.00000
Electrical Conductivity Field	uS/cm	Quarterly	5	4460.00000	5062.00000	5430.00000
Fluoride	mg/L	Every 6 months	5	1.30000	1.40000	1.60000
Iron	mg/L	Every 6 months	5	0.44000	1.15400	1.63000
Lead	mg/L	Every 6 months	5	0.00050	0.00050	0.00050
Magnesium	mg/L	Every 6 months	5	133.00000	170.00000	197.00000
Manganese	mg/L	Quarterly	5	0.64500	0.80300	1.08000
Mercury	mg/L	Every 6 months	5	0.00000	0.00004	0.00005
Molybdenum	mg/L	Every 6 months	5	0.04100	0.04460	0.04700
Nickel	mg/L	Quarterly	5	0.00400	0.00560	0.00700
Nitrate	mg/L	Every 6 months	5	0.00500	0.01400	0.02000
Nitrogen	mg/L	Quarterly	5	0.30000	0.44000	0.50000
Nitrogen Oxides	mg/L	Every 6 months	5	0.00500	0.01400	0.02000
pH	pH Unit	Quarterly	2	7.24000	7.43500	7.63000
pH Field	pH Unit	Quarterly	5	6.90000	6.96000	7.00000
Phosphorus	mg/L	Every 6 months	2	0.02000	0.03000	0.04000
Phosphorus Dissolved Reactive	mg/L	Every 6 months	2	0.00500	0.00500	0.00500
Potassium	mg/L	Every 6 months	5	32.00000	34.00000	37.00000
Selenium	mg/L	Quarterly	5	0.00020	0.00404	0.00500
Sodium	mg/L	Every 6 months	5	426.00000	518.40000	603.00000
Sulfate	mg/L	Every 6 months	5	1990.00000	2290.00000	2530.00000
Total Dissolved Solids	mg/L	Every 6 months	3	4220.00000	4383.33333	4580.00000
Total Hardness	mg/L	Every 6 months	5	2050.00000	2176.00000	2270.00000
Vanadium	mg/L	Every 6 months	5	0.00500	0.00500	0.00500

EPA Monitoring Point LB-MW11



Start Of Month

End Of Month

01-Jul-25 12:00:00 AM

01-Aug-25 12:00:00 AM

Monitoring Bore marked as LB-MW11 on the SAQP

Pollutant	Unit of measure	Sampling Frequency	No. samples collected	Lowest sample value	Mean value	Highest value
Aluminium	mg/L	Quarterly	5	0.02000	0.10000	0.32000
Ammonia	mg/L	Every 6 months	2	0.05000	0.06500	0.08000
Antimony	mg/L	Every 6 months	2	0.00050	0.00050	0.00050
Arsenic	mg/L	Every 6 months	5	0.00050	0.00050	0.00050
Arsenic V	mg/L	Every 6 months	1	0.00070	0.00070	0.00070
Barium	mg/L	Every 6 months	5	0.01700	0.01920	0.02100
Beryllium	mg/L	Every 6 months	5	0.00050	0.00050	0.00050
Boron	mg/L	Quarterly	5	0.84000	0.94400	1.10000
Cadmium	mg/L	Quarterly	5	0.00005	0.00005	0.00005
Calcium	mg/L	Every 6 months	5	79.00000	89.80000	100.00000
Chloride	mg/L	Every 6 months	5	809.00000	894.80000	982.00000
Chromium	mg/L	Quarterly	5	0.00050	0.00110	0.00200
Chromium III	mg/L	Quarterly	1	0.00050	0.00050	0.00050
Chromium VI	mg/L	Quarterly	1	0.00600	0.00600	0.00600
Cobalt	mg/L	Every 6 months	5	0.00050	0.00050	0.00050
Copper	mg/L	Quarterly	5	0.00050	0.00080	0.00200
Cyanide	mg/L	Quarterly	2	0.00200	0.00200	0.00200
Electrical Conductivity	uS/cm	Quarterly	2	4330.00000	4965.00000	5600.00000
Electrical Conductivity Field	uS/cm	Quarterly	5	4890.00000	5500.00000	5990.00000
Fluoride	mg/L	Every 6 months	5	1.40000	1.50000	1.60000
Iron	mg/L	Every 6 months	5	0.02500	0.13600	0.46000
Lead	mg/L	Every 6 months	5	0.00050	0.00050	0.00050
Magnesium	mg/L	Every 6 months	5	154.00000	172.40000	186.00000
Manganese	mg/L	Quarterly	5	0.00300	0.00720	0.02200
Mercury	mg/L	Every 6 months	5	0.00000	0.00004	0.00005
Molybdenum	mg/L	Every 6 months	5	0.00200	0.00220	0.00300
Nickel	mg/L	Quarterly	5	0.00100	0.00180	0.00200
Nitrate	mg/L	Every 6 months	5	0.06000	0.08600	0.11000
Nitrogen	mg/L	Quarterly	5	0.05000	0.18000	0.30000
Nitrogen Oxides	mg/L	Every 6 months	5	0.06000	0.08600	0.11000
pH	pH Unit	Quarterly	2	7.64000	7.80000	7.96000
pH Field	pH Unit	Quarterly	5	7.20000	7.40000	7.50000
Phosphorus	mg/L	Every 6 months	2	0.00500	0.01750	0.03000
Phosphorus Dissolved Reactive	mg/L	Every 6 months	2	0.00500	0.00750	0.01000
Potassium	mg/L	Every 6 months	5	12.00000	14.40000	17.00000
Selenium	mg/L	Quarterly	5	0.00140	0.00428	0.00500
Sodium	mg/L	Every 6 months	5	875.00000	921.00000	967.00000
Sulfate	mg/L	Every 6 months	5	953.00000	1050.60000	1140.00000
Total Dissolved Solids	mg/L	Every 6 months	3	3480.00000	3743.33333	4230.00000
Total Hardness	mg/L	Every 6 months	5	831.00000	934.00000	988.00000
Vanadium	mg/L	Every 6 months	5	0.00500	0.00500	0.00500

EPA Monitoring Point LB-MW13



Start Of Month

End Of Month

01-Jul-25 12:00:00 AM

01-Aug-25 12:00:00 AM

Monitoring Bore marked as LB-MW13 on the SAQP

Pollutant	Unit of measure	Sampling Frequency	No. samples collected	Lowest sample value	Mean value	Highest value
Aluminium	mg/L	Quarterly	5	0.00500	0.01000	0.03000
Ammonia	mg/L	Every 6 months	2	0.70000	0.70500	0.71000
Antimony	mg/L	Every 6 months	2	0.00050	0.00125	0.00200
Arsenic	mg/L	Every 6 months	5	0.00050	0.00050	0.00050
Arsenic V	mg/L	Every 6 months	1	0.00070	0.00070	0.00070
Barium	mg/L	Every 6 months	5	0.01700	0.01820	0.02000
Beryllium	mg/L	Every 6 months	5	0.00050	0.00050	0.00050
Boron	mg/L	Quarterly	5	1.83000	1.99200	2.11000
Cadmium	mg/L	Quarterly	5	0.00005	0.00008	0.00020
Calcium	mg/L	Every 6 months	5	420.00000	440.60000	454.00000
Chloride	mg/L	Every 6 months	5	418.00000	441.80000	472.00000
Chromium	mg/L	Quarterly	5	0.00050	0.00050	0.00050
Chromium III	mg/L	Quarterly	1	0.00050	0.00050	0.00050
Chromium VI	mg/L	Quarterly	1	0.00050	0.00050	0.00050
Cobalt	mg/L	Every 6 months	5	0.00050	0.00080	0.00200
Copper	mg/L	Quarterly	5	0.00050	0.00050	0.00050
Cyanide	mg/L	Quarterly	2	0.00200	0.00200	0.00200
Electrical Conductivity	uS/cm	Quarterly	2	3140.00000	3365.00000	3590.00000
Electrical Conductivity Field	uS/cm	Quarterly	5	3350.00000	3542.00000	3700.00000
Fluoride	mg/L	Every 6 months	5	1.10000	1.16000	1.20000
Iron	mg/L	Every 6 months	5	0.02500	0.03800	0.09000
Lead	mg/L	Every 6 months	5	0.00050	0.00050	0.00050
Magnesium	mg/L	Every 6 months	5	71.00000	75.60000	85.00000
Manganese	mg/L	Quarterly	5	0.64700	0.85860	1.02000
Mercury	mg/L	Every 6 months	5	0.00000	0.00004	0.00005
Molybdenum	mg/L	Every 6 months	5	0.00900	0.01080	0.01200
Nickel	mg/L	Quarterly	5	0.00600	0.00640	0.00700
Nitrate	mg/L	Every 6 months	5	0.12000	0.22400	0.31000
Nitrogen	mg/L	Quarterly	5	0.80000	0.98000	1.20000
Nitrogen Oxides	mg/L	Every 6 months	5	0.14000	0.23400	0.31000
pH	pH Unit	Quarterly	2	7.50000	7.52000	7.54000
pH Field	pH Unit	Quarterly	5	7.10000	7.22000	7.40000
Phosphorus	mg/L	Every 6 months	2	0.00500	0.02250	0.04000
Phosphorus Dissolved Reactive	mg/L	Every 6 months	2	0.00500	0.00500	0.00500
Potassium	mg/L	Every 6 months	5	13.00000	18.40000	36.00000
Selenium	mg/L	Quarterly	5	0.00010	0.00402	0.00500
Sodium	mg/L	Every 6 months	5	297.00000	308.20000	320.00000
Sulfate	mg/L	Every 6 months	5	1180.00000	1304.00000	1470.00000
Total Dissolved Solids	mg/L	Every 6 months	3	2710.00000	2880.00000	3040.00000
Total Hardness	mg/L	Every 6 months	5	1360.00000	1400.00000	1430.00000
Vanadium	mg/L	Every 6 months	5	0.00500	0.00500	0.00500

EPA Monitoring Point LB-MW14



Start Of MonthEnd Of Month

01-Jul-25 12:00:00 AM01-Aug-25 12:00:00 AM

Monitoring Bore marked as LB-MW14 on the SAQP

Pollutant	Unit of measure	Sampling Frequency	No. samples collected	Lowest sample value	Mean value	Highest value
Aluminium	mg/L	Quarterly	5	0.07000	0.38000	0.74000
Ammonia	mg/L	Every 6 months	2	0.70000	0.71000	0.72000
Antimony	mg/L	Every 6 months	2	0.00050	0.00050	0.00050
Arsenic	mg/L	Every 6 months	5	0.00050	0.00060	0.00100
Arsenic V	mg/L	Every 6 months	1	0.00090	0.00090	0.00090
Barium	mg/L	Every 6 months	5	0.01400	0.01780	0.02300
Beryllium	mg/L	Every 6 months	5	0.00050	0.00110	0.00200
Boron	mg/L	Quarterly	5	1.70000	1.89000	2.01000
Cadmium	mg/L	Quarterly	5	0.00040	0.00044	0.00060
Calcium	mg/L	Every 6 months	5	604.00000	622.20000	631.00000
Chloride	mg/L	Every 6 months	5	421.00000	446.60000	471.00000
Chromium	mg/L	Quarterly	5	0.00050	0.00270	0.01000
Chromium III	mg/L	Quarterly	2	0.00200	0.00600	0.01000
Chromium VI	mg/L	Quarterly	2	0.00050	0.00050	0.00050
Cobalt	mg/L	Every 6 months	5	0.04400	0.06040	0.06900
Copper	mg/L	Quarterly	5	0.00050	0.00060	0.00100
Cyanide	mg/L	Quarterly	2	0.00200	0.00200	0.00200
Electrical Conductivity	uS/cm	Quarterly	2	3370.00000	3755.00000	4140.00000
Electrical Conductivity Field	uS/cm	Quarterly	5	4000.00000	4118.00000	4210.00000
Fluoride	mg/L	Every 6 months	5	0.70000	1.00000	1.30000
Iron	mg/L	Every 6 months	5	0.12000	0.65800	1.29000
Lead	mg/L	Every 6 months	5	0.00050	0.00050	0.00050
Magnesium	mg/L	Every 6 months	5	70.00000	74.80000	83.00000
Manganese	mg/L	Quarterly	5	2.17000	2.48600	2.99000
Mercury	mg/L	Every 6 months	5	0.00000	0.00004	0.00005
Molybdenum	mg/L	Every 6 months	5	0.00050	0.00070	0.00100
Nickel	mg/L	Quarterly	5	0.03600	0.04500	0.05700
Nitrate	mg/L	Every 6 months	5	0.00500	0.02800	0.07000
Nitrogen	mg/L	Quarterly	5	0.70000	0.88000	1.00000
Nitrogen Oxides	mg/L	Every 6 months	5	0.00500	0.03200	0.07000
pH	pH Unit	Quarterly	2	6.23000	6.39000	6.55000
pH Field	pH Unit	Quarterly	5	5.70000	6.08000	6.40000
Phosphorus	mg/L	Every 6 months	2	0.05000	0.09500	0.14000
Phosphorus Dissolved Reactive	mg/L	Every 6 months	2	0.00500	0.00500	0.00500
Potassium	mg/L	Every 6 months	5	15.00000	18.20000	29.00000
Selenium	mg/L	Quarterly	5	0.00050	0.00410	0.00500
Sodium	mg/L	Every 6 months	5	312.00000	323.40000	334.00000
Sulfate	mg/L	Every 6 months	5	1680.00000	1794.00000	1910.00000
Total Dissolved Solids	mg/L	Every 6 months	3	3450.00000	3560.00000	3680.00000
Total Hardness	mg/L	Every 6 months	5	1800.00000	1846.00000	1890.00000
Vanadium	mg/L	Every 6 months	5	0.00500	0.00500	0.00500

EPA Monitoring Point LV-MW03



Start Of Month

End Of Month

01-Jul-25 12:00:00 AM

01-Aug-25 12:00:00 AM

Monitoring Bore marked as LV-MW03 on the SAQP

Pollutant	Unit of measure	Sampling Frequency	No. samples collected	Lowest sample value	Mean value	Highest value
Aluminium	mg/L	Quarterly	5	0.00500	0.01900	0.05000
Ammonia	mg/L	Every 6 months	2	0.07000	0.07500	0.08000
Antimony	mg/L	Every 6 months	2	0.00050	0.00050	0.00050
Arsenic	mg/L	Every 6 months	5	0.00050	0.00050	0.00050
Arsenic V	mg/L	Every 6 months	1	0.00100	0.00100	0.00100
Barium	mg/L	Every 6 months	5	0.01300	0.01480	0.01600
Beryllium	mg/L	Every 6 months	5	0.00050	0.00050	0.00050
Boron	mg/L	Quarterly	5	1.82000	2.09400	2.61000
Cadmium	mg/L	Quarterly	5	0.00005	0.00005	0.00005
Calcium	mg/L	Every 6 months	5	210.00000	228.60000	244.00000
Chloride	mg/L	Every 6 months	5	430.00000	489.00000	567.00000
Chromium	mg/L	Quarterly	5	0.00050	0.00050	0.00050
Chromium III	mg/L	Quarterly	1	0.00050	0.00050	0.00050
Chromium VI	mg/L	Quarterly	1	0.00050	0.00050	0.00050
Cobalt	mg/L	Every 6 months	5	0.02400	0.02740	0.03200
Copper	mg/L	Quarterly	5	0.00050	0.00050	0.00050
Cyanide	mg/L	Quarterly	2	0.00200	0.00200	0.00200
Electrical Conductivity	uS/cm	Quarterly	2	3540.00000	3665.00000	3790.00000
Electrical Conductivity Field	uS/cm	Quarterly	5	3980.00000	4050.00000	4120.00000
Fluoride	mg/L	Every 6 months	5	0.80000	0.90000	1.10000
Iron	mg/L	Every 6 months	5	0.02500	0.05400	0.09000
Lead	mg/L	Every 6 months	5	0.00050	0.00050	0.00050
Magnesium	mg/L	Every 6 months	5	229.00000	246.40000	258.00000
Manganese	mg/L	Quarterly	5	1.23000	1.40600	1.61000
Mercury	mg/L	Every 6 months	5	0.00000	0.00004	0.00005
Molybdenum	mg/L	Every 6 months	5	0.01000	0.01160	0.01500
Nickel	mg/L	Quarterly	5	0.04800	0.06000	0.08000
Nitrate	mg/L	Every 6 months	5	0.00500	0.08900	0.42000
Nitrogen	mg/L	Quarterly	5	0.10000	0.26000	0.60000
Nitrogen Oxides	mg/L	Every 6 months	5	0.00500	0.08900	0.42000
pH	pH Unit	Quarterly	2	7.20000	7.24000	7.28000
pH Field	pH Unit	Quarterly	5	6.80000	6.98000	7.10000
Phosphorus	mg/L	Every 6 months	2	0.01000	0.01000	0.01000
Phosphorus Dissolved Reactive	mg/L	Every 6 months	2	0.00500	0.00500	0.00500
Potassium	mg/L	Every 6 months	5	25.00000	30.00000	39.00000
Selenium	mg/L	Quarterly	5	0.00010	0.00402	0.00500
Sodium	mg/L	Every 6 months	5	371.00000	386.20000	401.00000
Sulfate	mg/L	Every 6 months	5	1280.00000	1358.00000	1410.00000
Total Dissolved Solids	mg/L	Every 6 months	3	3150.00000	3213.33333	3310.00000
Total Hardness	mg/L	Every 6 months	5	1520.00000	1580.00000	1660.00000
Vanadium	mg/L	Every 6 months	5	0.00500	0.00500	0.00500

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
---	------------	--	---	---	-------------------------	------------	--

No incidents for the last month