



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

Discharge from the Coal Handling Plant Sediment Basin outlet to Lake Liddell is marked and shown as EPL Monitors ID No.16

Pollutant	Units	Sampling Frequency	Count (year)	Date of Last Sample	Latest Value
Ammonia	mg/L	Weekly during any discharge			
Anionic Surfactants	mg/L	Weekly during any discharge			
Anthracene	mg/L	Weekly during any discharge			
Antimony	mg/L	Weekly during any discharge			
Arsenic	mg/L	Weekly during any discharge			
Arsenic III	mg/L	Weekly during any discharge			
Arsenic V	mg/L	Weekly during any discharge			
Benzo(a)pyrene	mg/L	Weekly during any discharge			
Boron	mg/L	Weekly during any discharge			
Cadmium	mg/L	Weekly during any discharge			
Chloride	mg/L	Weekly during any discharge			
Chromium	mg/L	Weekly during any discharge			
Chromium III	mg/L	Weekly during any discharge			
Chromium VI	mg/L	Weekly during any discharge			
Cobalt	mg/L	Weekly during any discharge			
Copper	mg/L	Weekly during any discharge			
Cyanide	mg/L	Weekly during any discharge			
Electrical Conductivity	uS/cm	Weekly during any discharge			
Fluoride	mg/L	Weekly during any discharge			
Lead	mg/L	Weekly during any discharge			
Manganese	mg/L	Weekly during any discharge			
Mercury	mg/L	Weekly during any discharge			
Molybdenum	mg/L	Weekly during any discharge			
Nickel	mg/L	Weekly during any discharge			
Nitrogen	mg/L	Weekly during any discharge			
Nitrogen Oxides	mg/L	Weekly during any discharge			
Oil and Grease	mg/L	Weekly during any discharge			
pH	pH Unit	Weekly during any discharge			
Phosphorus	mg/L	Weekly during any discharge			
Selenium	mg/L	Weekly during any discharge			
Suspended Solids	mg/L	Weekly during any discharge			
Vanadium	mg/L	Weekly during any discharge			
Zinc	mg/L	Weekly during any discharge			

EPA Monitoring Point 17



Start Of Month ▲	End Of Month
01-Aug-25 12:00:00 AM	01-Sep-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	Units	Sampling Frequency	Count (year) ▲	Date of Last Sample	Latest Value
Arsenic III	mg/L	Weekly during any discharge			
Cyanide	mg/L	Weekly during any discharge	4	8/22/2025 12:00:00 AM	0.00200
Anthracene	mg/L	Weekly during any discharge	5	8/22/2025 12:00:00 AM	0.00005
Benzo(a)pyrene	mg/L	Weekly during any discharge	5	8/22/2025 12:00:00 AM	0.00002
Chloride	mg/L	Weekly during any discharge	5	8/22/2025 12:00:00 AM	20.00000
Arsenic V	mg/L	Weekly during any discharge	6	8/28/2025 12:00:00 AM	0.00150
Ammonia	mg/L	Weekly during any discharge	28	8/22/2025 12:00:00 AM	0.09000
Anionic Surfactants	mg/L	Weekly during any discharge	28	8/22/2025 12:00:00 AM	0.05000
Chromium III	mg/L	Weekly during any discharge	28	8/22/2025 12:00:00 AM	0.00500
Chromium VI	mg/L	Weekly during any discharge	28	8/22/2025 12:00:00 AM	0.00500
Fluoride	mg/L	Weekly during any discharge	28	8/22/2025 12:00:00 AM	0.30000
Nitrogen	mg/L	Weekly during any discharge	28	8/22/2025 12:00:00 AM	1.00000
Nitrogen Oxides	mg/L	Weekly during any discharge	28	8/22/2025 12:00:00 AM	0.22000
Phosphorus	mg/L	Weekly during any discharge	28	8/22/2025 12:00:00 AM	0.08000
Mercury	mg/L	Weekly during any discharge	29	8/25/2025 12:00:00 AM	0.00005
Antimony	mg/L	Weekly during any discharge	30	8/26/2025 12:00:00 AM	0.00050
Arsenic	mg/L	Weekly during any discharge	30	8/26/2025 12:00:00 AM	0.00200
Boron	mg/L	Weekly during any discharge	30	8/26/2025 12:00:00 AM	0.23000
Cadmium	mg/L	Weekly during any discharge	30	8/26/2025 12:00:00 AM	0.00005
Chromium	mg/L	Weekly during any discharge	30	8/26/2025 12:00:00 AM	0.00200
Cobalt	mg/L	Weekly during any discharge	30	8/26/2025 12:00:00 AM	0.00050
Copper	mg/L	Weekly during any discharge	30	8/26/2025 12:00:00 AM	0.00300
Lead	mg/L	Weekly during any discharge	30	8/26/2025 12:00:00 AM	0.00200
Manganese	mg/L	Weekly during any discharge	30	8/26/2025 12:00:00 AM	0.07700
Molybdenum	mg/L	Weekly during any discharge	30	8/26/2025 12:00:00 AM	0.00400
Nickel	mg/L	Weekly during any discharge	30	8/26/2025 12:00:00 AM	0.00200
Selenium	mg/L	Weekly during any discharge	30	8/26/2025 12:00:00 AM	0.00500
Vanadium	mg/L	Weekly during any discharge	30	8/26/2025 12:00:00 AM	0.00500
Zinc	mg/L	Weekly during any discharge	30	8/26/2025 12:00:00 AM	0.04500
Suspended Solids	mg/L	Weekly during any discharge	32	8/26/2025 12:00:00 AM	30.00000
Oil and Grease	mg/L	Weekly during any discharge	51	8/22/2025 12:00:00 AM	1.00000
Electrical Conductivity	uS/cm	Weekly during any discharge	58	8/28/2025 12:00:00 AM	470.00000
pH	pH Unit	Weekly during any discharge	211	8/28/2025 12:00:00 AM	8.00000

EPA Monitoring Point 18



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

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	Units	Sampling Frequency	Count (year)	Date of Last Sample	Latest Value
Oil and Grease	mg/L	Weekly during any discharge	52	8/26/2025 12:00:00 AM	1.00000
pH	pH Unit	Weekly during any discharge	58	8/26/2025 12:00:00 AM	7.70000
Suspended Solids	mg/L	Weekly during any discharge	52	8/26/2025 12:00:00 AM	6.00000

EPA Monitoring Point 20



Start Of Month	End Of Month
01-Aug-25 12:00:00 AM	01-Sep-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	Units	Sampling Frequency	Count (year)	Date of Last Sample	Latest Value
Aluminium	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	1.26000
Ammonia	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	0.14000
Antimony	mg/L	Monthly	6	7/23/2025 12:00:00 AM	0.00050
Arsenic	mg/L	Monthly	6	7/23/2025 12:00:00 AM	0.00200
Arsenic III	mg/L	Monthly			
Arsenic V	mg/L	Monthly	1	7/23/2025 12:00:00 AM	0.00110
Barium	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	0.04700
Beryllium	mg/L	Monthly	6	7/23/2025 12:00:00 AM	0.00050
Boron	mg/L	Monthly	6	7/23/2025 12:00:00 AM	0.16000
Cadmium	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	0.00005
Calcium	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	61.00000
Chloride	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	205.00000
Chromium	mg/L	Monthly	6	7/23/2025 12:00:00 AM	0.00200
Chromium III	mg/L	Quarterly	1	7/23/2025 12:00:00 AM	0.00200
Chromium VI	mg/L	Quarterly	1	7/23/2025 12:00:00 AM	0.00050
Cobalt	mg/L	Monthly	6	7/23/2025 12:00:00 AM	0.00050
Copper	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	0.04800
Cyanide	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	0.00200
Dissolved Organic Carbon	mg/L	Quarterly			
Electrical Conductivity	uS/cm	Monthly	6	7/23/2025 12:00:00 AM	1337.00000
Fluoride	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	0.50000
Iron	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	1.50000
Lead	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	0.00200
Magnesium	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	52.00000
Manganese	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	0.09400
Mercury	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	0.00004
Molybdenum	mg/L	Monthly	6	7/23/2025 12:00:00 AM	0.01000
Nickel	mg/L	Monthly	6	7/23/2025 12:00:00 AM	0.00800
Nitrogen	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	0.90000
Nitrogen Oxides	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	0.33000
pH	pH Unit	Monthly	6	7/23/2025 12:00:00 AM	7.90000
Phosphorus	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	0.10000
Phosphorus Dissolved Reactive	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	0.02000
Potassium	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	8.00000
Selenium	mg/L	Monthly	6	7/23/2025 12:00:00 AM	0.00110
Silver	mg/L	Quarterly			
Sodium	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	127.00000
Sulfate	mg/L	Monthly	6	7/23/2025 12:00:00 AM	340.00000
Suspended Solids	mg/L	Monthly	6	7/23/2025 12:00:00 AM	64.00000
Total Hardness	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	370.00000

EPA Monitoring Point 21



Start Of Month	End Of Month
01-Aug-25 12:00:00 AM	01-Sep-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	Units	Sampling Frequency	Count (year)	Date of Last Sample	Latest Value
Aluminium	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	0.47000
Ammonia	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	0.08000
Antimony	mg/L	Monthly	6	7/23/2025 12:00:00 AM	0.00050
Arsenic	mg/L	Monthly	6	7/23/2025 12:00:00 AM	0.00100
Arsenic III	mg/L	Monthly			
Arsenic V	mg/L	Monthly	1	7/23/2025 12:00:00 AM	0.00090
Barium	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	0.04100
Beryllium	mg/L	Monthly	6	7/23/2025 12:00:00 AM	0.00050
Boron	mg/L	Monthly	6	7/23/2025 12:00:00 AM	0.19000
Cadmium	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	0.00005
Calcium	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	57.00000
Chloride	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	254.00000
Chromium	mg/L	Monthly	6	7/23/2025 12:00:00 AM	0.00050
Chromium III	mg/L	Quarterly	1	7/23/2025 12:00:00 AM	0.00050
Chromium VI	mg/L	Quarterly	1	7/23/2025 12:00:00 AM	0.00050
Cobalt	mg/L	Monthly	6	7/23/2025 12:00:00 AM	0.00050
Copper	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	0.03100
Cyanide	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	0.00200
Dissolved Organic Carbon	mg/L	Quarterly			
Electrical Conductivity	uS/cm	Monthly	6	7/23/2025 12:00:00 AM	1338.00000
Fluoride	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	0.50000
Iron	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	0.69000
Lead	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	0.00050
Magnesium	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	55.00000
Manganese	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	0.06600
Mercury	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	0.00002
Molybdenum	mg/L	Monthly	6	7/23/2025 12:00:00 AM	0.01000
Nickel	mg/L	Monthly	6	7/23/2025 12:00:00 AM	0.00700
Nitrogen	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	0.70000
Nitrogen Oxides	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	0.16000
pH	pH Unit	Monthly	6	7/23/2025 12:00:00 AM	8.00000
Phosphorus	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	0.07000
Phosphorus Dissolved Reactive	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	0.02000
Potassium	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	6.00000
Selenium	mg/L	Monthly	6	7/23/2025 12:00:00 AM	0.00070
Silver	mg/L	Quarterly			
Sodium	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	133.00000
Sulfate	mg/L	Monthly	6	7/23/2025 12:00:00 AM	301.00000
Suspended Solids	mg/L	Monthly	6	7/23/2025 12:00:00 AM	20.00000
Total Hardness	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	352.00000

EPA Monitoring Point 23



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

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

Pollutant	Units	Sampling Frequency	Count (year)	Date of Last Sample	Latest Value
Arsenic III	mg/L	Monthly			
Dissolved Organic Carbon	mg/L	Quarterly			
Silver	mg/L	Quarterly			
Turbidity	NTU	Quarterly			
Mercury	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	0.00000
Cadmium	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	0.00005
Selenium	mg/L	Monthly	5	7/23/2025 12:00:00 AM	0.00010
Antimony	mg/L	Monthly	5	7/23/2025 12:00:00 AM	0.00050
Arsenic	mg/L	Monthly	5	7/23/2025 12:00:00 AM	0.00050
Beryllium	mg/L	Monthly	5	7/23/2025 12:00:00 AM	0.00050
Chromium	mg/L	Monthly	5	7/23/2025 12:00:00 AM	0.00050
Chromium III	mg/L	Quarterly	1	7/23/2025 12:00:00 AM	0.00050
Chromium VI	mg/L	Quarterly	1	7/23/2025 12:00:00 AM	0.00050
Copper	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	0.00050
Lead	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	0.00050
Arsenic V	mg/L	Monthly	1	7/23/2025 12:00:00 AM	0.00120
Cyanide	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	0.00200
Aluminium	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	0.00500
Phosphorus Dissolved Reactive	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	0.00500
Vanadium	mg/L	Monthly	5	7/23/2025 12:00:00 AM	0.00500
Zinc	mg/L	Monthly	5	7/23/2025 12:00:00 AM	0.00800
Barium	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	0.01600
Cobalt	mg/L	Monthly	5	7/23/2025 12:00:00 AM	0.02000
Nitrogen Oxides	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	0.02000
Phosphorus	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	0.02000
Nickel	mg/L	Monthly	5	7/23/2025 12:00:00 AM	0.04900
Molybdenum	mg/L	Monthly	5	7/23/2025 12:00:00 AM	0.09600
Ammonia	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	0.17000
Nitrogen	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	0.60000
Iron	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	0.69000
Manganese	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	0.79900
Fluoride	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	1.20000
Boron	mg/L	Monthly	5	7/23/2025 12:00:00 AM	3.15000
Suspended Solids	mg/L	Monthly	5	7/23/2025 12:00:00 AM	6.00000
pH	pH Unit	Monthly	5	7/23/2025 12:00:00 AM	7.00000
Potassium	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	25.00000
Magnesium	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	176.00000
Calcium	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	268.00000
Sodium	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	367.00000
Chloride	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	498.00000
Sulfate	mg/L	Monthly	5	7/23/2025 12:00:00 AM	1290.00000

EPA Monitoring Point 24



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

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

Pollutant	Units	Sampling Frequency	Count (year)	Date of Last Sample	Latest Value
Aluminium	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	0.14000
Ammonia	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	0.03000
Antimony	mg/L	Monthly	5	7/23/2025 12:00:00 AM	0.00050
Arsenic	mg/L	Monthly	5	7/23/2025 12:00:00 AM	0.00050
Arsenic III	mg/L	Monthly			
Arsenic V	mg/L	Monthly	2	7/23/2025 12:00:00 AM	0.00050
Barium	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	0.02400
Beryllium	mg/L	Monthly	5	7/23/2025 12:00:00 AM	0.00050
Boron	mg/L	Monthly	5	7/23/2025 12:00:00 AM	1.44000
Cadmium	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	0.00005
Calcium	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	181.00000
Chloride	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	445.00000
Chromium	mg/L	Monthly	5	7/23/2025 12:00:00 AM	0.00050
Chromium III	mg/L	Quarterly	1	7/23/2025 12:00:00 AM	0.00050
Chromium VI	mg/L	Quarterly	1	7/23/2025 12:00:00 AM	0.00050
Cobalt	mg/L	Monthly	5	7/23/2025 12:00:00 AM	0.00050
Copper	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	0.00050
Cyanide	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	0.00200
Dissolved Organic Carbon	mg/L	Quarterly			
Electrical Conductivity	uS/cm	Monthly	5	7/23/2025 12:00:00 AM	3960.00000
Fluoride	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	0.90000
Iron	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	0.11000
Lead	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	0.00050
Magnesium	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	196.00000
Manganese	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	0.03200
Mercury	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	0.00000
Molybdenum	mg/L	Monthly	5	7/23/2025 12:00:00 AM	0.03300
Nickel	mg/L	Monthly	5	7/23/2025 12:00:00 AM	0.00700
Nitrogen	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	0.80000
Nitrogen Oxides	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	0.00500
pH	pH Unit	Monthly	5	7/23/2025 12:00:00 AM	8.10000
Phosphorus	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	0.05000
Phosphorus Dissolved Reactive	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	0.00500
Potassium	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	18.00000
Selenium	mg/L	Monthly	5	7/23/2025 12:00:00 AM	0.00440
Silver	mg/L	Quarterly			
Sodium	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	413.00000
Sulfate	mg/L	Monthly	5	7/23/2025 12:00:00 AM	1350.00000
Suspended Solids	mg/L	Monthly	5	7/23/2025 12:00:00 AM	6.00000
Total Hardness	mg/L	Quarterly	5	7/23/2025 12:00:00 AM	1280.00000
Turbidity	NTU	Quarterly			

EPA Monitoring Point 25



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

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

Pollutant▲	Units	Sampling Frequency	Count (year)	Date of Last Sample	Latest Value
Aluminium	mg/L	Quarterly	17	7/23/2025 12:00:00 AM	0.05000
Ammonia	mg/L	Quarterly	12	8/26/2025 12:00:00 AM	0.09000
Antimony	mg/L	Monthly	23	8/26/2025 12:00:00 AM	0.00500
Arsenic	mg/L	Monthly	58	8/26/2025 12:00:00 AM	0.00400
Arsenic III	mg/L	Monthly			
Arsenic V	mg/L	Monthly	10	8/26/2025 12:00:00 AM	0.00330
Barium	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	0.02700
Beryllium	mg/L	Monthly	17	7/23/2025 12:00:00 AM	0.00050
Boron	mg/L	Monthly	58	8/26/2025 12:00:00 AM	1.14000
Cadmium	mg/L	Quarterly	58	8/26/2025 12:00:00 AM	0.00005
Calcium	mg/L	Quarterly	17	7/23/2025 12:00:00 AM	262.00000
Chloride	mg/L	Quarterly	23	8/26/2025 12:00:00 AM	283.00000
Chromium	mg/L	Monthly	58	8/26/2025 12:00:00 AM	0.00050
Chromium III	mg/L	Quarterly	53	8/26/2025 12:00:00 AM	0.00050
Chromium VI	mg/L	Quarterly	53	8/26/2025 12:00:00 AM	0.00050
Cobalt	mg/L	Monthly	12	8/26/2025 12:00:00 AM	0.00050
Copper	mg/L	Quarterly	58	8/26/2025 12:00:00 AM	0.00050
Cyanide	mg/L	Quarterly	21	8/26/2025 12:00:00 AM	0.00200
Dissolved Organic Carbon	mg/L	Quarterly			
Electrical Conductivity	uS/cm	Monthly	58	8/26/2025 12:00:00 AM	2510.00000
Fluoride	mg/L	Quarterly	58	8/26/2025 12:00:00 AM	0.70000
Iron	mg/L	Quarterly	17	7/23/2025 12:00:00 AM	0.08000
Lead	mg/L	Quarterly	58	8/26/2025 12:00:00 AM	0.00050
Magnesium	mg/L	Quarterly	17	7/23/2025 12:00:00 AM	113.00000
Manganese	mg/L	Quarterly	23	8/26/2025 12:00:00 AM	0.05800
Mercury	mg/L	Quarterly	58	8/26/2025 12:00:00 AM	0.00005
Molybdenum	mg/L	Monthly	23	8/26/2025 12:00:00 AM	0.11900
Nickel	mg/L	Monthly	23	8/26/2025 12:00:00 AM	0.00500
Nitrogen	mg/L	Quarterly	23	8/26/2025 12:00:00 AM	1.10000
Nitrogen Oxides	mg/L	Quarterly	23	8/26/2025 12:00:00 AM	0.53000
pH	pH Unit	Monthly	58	8/26/2025 12:00:00 AM	7.70000
Phosphorus	mg/L	Quarterly	12	8/26/2025 12:00:00 AM	0.04000
Phosphorus Dissolved Reactive	mg/L	Quarterly	6	7/23/2025 12:00:00 AM	0.00500
Potassium	mg/L	Quarterly	17	7/23/2025 12:00:00 AM	20.00000
Selenium	mg/L	Monthly	58	8/26/2025 12:00:00 AM	0.00500
Silver	mg/L	Quarterly	12	7/23/2025 12:00:00 AM	0.00400
Sodium	mg/L	Quarterly	17	7/23/2025 12:00:00 AM	318.00000
Sulfate	mg/L	Monthly	17	7/23/2025 12:00:00 AM	1070.00000
Suspended Solids	mg/L	Monthly	6	7/23/2025 12:00:00 AM	6.00000
Total Hardness	mg/L	Quarterly	17	7/23/2025 12:00:00 AM	1140.00000
Turbidity	NTU	Quarterly	6	8/26/2025 12:00:00 AM	8.37000

EPA Monitoring Point 26



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

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

Pollutant▲	Units	Sampling Frequency	Count (year)	Date of Last Sample	Latest Value
Aluminium	mg/L	Quarterly	5	6/23/2025 12:00:00 AM	0.06000
Ammonia	mg/L	Quarterly	5	6/23/2025 12:00:00 AM	0.05000
Antimony	mg/L	Monthly	5	6/23/2025 12:00:00 AM	0.00050
Arsenic	mg/L	Monthly	5	6/23/2025 12:00:00 AM	0.00300
Arsenic III	mg/L	Monthly			
Arsenic V	mg/L	Monthly			
Barium	mg/L	Quarterly	5	6/23/2025 12:00:00 AM	0.02400
Beryllium	mg/L	Monthly	5	6/23/2025 12:00:00 AM	0.00050
Boron	mg/L	Monthly	5	6/23/2025 12:00:00 AM	0.36000
Cadmium	mg/L	Quarterly	5	6/23/2025 12:00:00 AM	0.00005
Calcium	mg/L	Quarterly	5	6/23/2025 12:00:00 AM	68.00000
Chloride	mg/L	Quarterly	5	6/23/2025 12:00:00 AM	940.00000
Chromium	mg/L	Monthly	5	6/23/2025 12:00:00 AM	0.00050
Chromium III	mg/L	Quarterly			
Chromium VI	mg/L	Quarterly			
Cobalt	mg/L	Monthly	5	6/23/2025 12:00:00 AM	0.00050
Copper	mg/L	Quarterly	5	6/23/2025 12:00:00 AM	0.00050
Cyanide	mg/L	Quarterly	5	6/23/2025 12:00:00 AM	0.00200
Dissolved Organic Carbon	mg/L	Quarterly			
Electrical Conductivity	uS/cm	Monthly	5	6/23/2025 12:00:00 AM	6430.00000
Fluoride	mg/L	Quarterly	5	6/23/2025 12:00:00 AM	0.80000
Iron	mg/L	Quarterly	5	6/23/2025 12:00:00 AM	0.06000
Lead	mg/L	Quarterly	5	6/23/2025 12:00:00 AM	0.00050
Magnesium	mg/L	Quarterly	5	6/23/2025 12:00:00 AM	417.00000
Manganese	mg/L	Quarterly	5	6/23/2025 12:00:00 AM	0.02100
Mercury	mg/L	Quarterly	5	6/23/2025 12:00:00 AM	0.00005
Molybdenum	mg/L	Monthly	5	6/23/2025 12:00:00 AM	0.00700
Nickel	mg/L	Monthly	5	6/23/2025 12:00:00 AM	0.00200
Nitrogen	mg/L	Quarterly	5	6/23/2025 12:00:00 AM	1.20000
Nitrogen Oxides	mg/L	Quarterly	5	6/23/2025 12:00:00 AM	0.01000
pH	pH Unit	Monthly	5	6/23/2025 12:00:00 AM	8.70000
Phosphorus	mg/L	Quarterly	5	6/23/2025 12:00:00 AM	0.04000
Phosphorus Dissolved Reactive	mg/L	Quarterly	5	6/23/2025 12:00:00 AM	0.00500
Potassium	mg/L	Quarterly	5	6/23/2025 12:00:00 AM	28.00000
Selenium	mg/L	Monthly	5	6/23/2025 12:00:00 AM	0.00500
Silver	mg/L	Quarterly			
Sodium	mg/L	Quarterly	5	6/23/2025 12:00:00 AM	966.00000
Sulfate	mg/L	Monthly	5	6/23/2025 12:00:00 AM	2170.00000
Suspended Solids	mg/L	Monthly	5	6/23/2025 12:00:00 AM	23.00000
Total Hardness	mg/L	Quarterly	5	6/23/2025 12:00:00 AM	1940.00000
Turbidity	NTU	Quarterly			

EPA Monitoring Point GW01C



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

Monitoring Bore marked as GC01C on the SAQP

Pollutant▲	Units	Sampling Frequency	Count (year)	Date of Last Sample	Latest Value
Aluminium	mg/L	Quarterly	1	7/22/2025 12:00:00 AM	0.04000
Ammonia	mg/L	Every 6 months	1	7/22/2025 12:00:00 AM	0.05000
Antimony	mg/L	Every 6 months	1	7/22/2025 12:00:00 AM	0.00050
Arsenic	mg/L	Every 6 months	1	7/22/2025 12:00:00 AM	0.00050
Arsenic III	mg/L	Every 6 months			
Arsenic V	mg/L	Every 6 months	1	7/22/2025 12:00:00 AM	0.00060
Barium	mg/L	Every 6 months	1	7/22/2025 12:00:00 AM	0.02300
Beryllium	mg/L	Every 6 months	1	7/22/2025 12:00:00 AM	0.00050
Boron	mg/L	Quarterly	1	7/22/2025 12:00:00 AM	0.26000
Cadmium	mg/L	Quarterly	1	7/22/2025 12:00:00 AM	0.00005
Calcium	mg/L	Every 6 months	1	7/22/2025 12:00:00 AM	230.00000
Chloride	mg/L	Every 6 months	1	7/22/2025 12:00:00 AM	2200.00000
Chromium	mg/L	Quarterly	1	7/22/2025 12:00:00 AM	0.00050
Chromium III	mg/L	Quarterly	1	7/22/2025 12:00:00 AM	0.00050
Chromium VI	mg/L	Quarterly	1	7/22/2025 12:00:00 AM	0.00050
Cobalt	mg/L	Every 6 months	1	7/22/2025 12:00:00 AM	0.00050
Copper	mg/L	Quarterly	1	7/22/2025 12:00:00 AM	0.00050
Cyanide	mg/L	Quarterly	1	7/22/2025 12:00:00 AM	0.00200
Dissolved Organic Carbon	mg/L	Every 6 months			
Electrical Conductivity	uS/cm	Quarterly	1	7/22/2025 12:00:00 AM	9000.00000
Electrical Conductivity Field	uS/cm	Quarterly	1	7/22/2025 12:00:00 AM	9300.00000
Fluoride	mg/L	Every 6 months	1	7/22/2025 12:00:00 AM	0.30000
Iron	mg/L	Every 6 months	1	7/22/2025 12:00:00 AM	0.10000
Lead	mg/L	Every 6 months	1	7/22/2025 12:00:00 AM	0.00050
Magnesium	mg/L	Every 6 months	1	7/22/2025 12:00:00 AM	392.00000
Manganese	mg/L	Quarterly	1	7/22/2025 12:00:00 AM	0.03200
Mercury	mg/L	Every 6 months	1	7/22/2025 12:00:00 AM	0.00000
Molybdenum	mg/L	Every 6 months	1	7/22/2025 12:00:00 AM	0.00300
Nickel	mg/L	Quarterly	1	7/22/2025 12:00:00 AM	0.00200
Nitrate	mg/L	Every 6 months	1	7/22/2025 12:00:00 AM	0.03000
Nitrogen	mg/L	Quarterly	1	7/22/2025 12:00:00 AM	0.20000
Nitrogen Oxides	mg/L	Every 6 months	1	7/22/2025 12:00:00 AM	0.03000
pH	pH Unit	Quarterly	1	7/22/2025 12:00:00 AM	7.29000
pH Field	pH Unit	Quarterly	1	7/22/2025 12:00:00 AM	7.00000
Phosphorus	mg/L	Every 6 months	1	7/22/2025 12:00:00 AM	0.00500
Phosphorus Dissolved Reactive	mg/L	Every 6 months	1	7/22/2025 12:00:00 AM	0.00500
Potassium	mg/L	Every 6 months	1	7/22/2025 12:00:00 AM	49.00000
Selenium	mg/L	Quarterly	1	7/22/2025 12:00:00 AM	0.00230
Silver	mg/L	Every 6 months			
Sodium	mg/L	Every 6 months	1	7/22/2025 12:00:00 AM	1290.00000
Sulfate	mg/L	Every 6 months	1	7/22/2025 12:00:00 AM	1340.00000

EPA Monitoring Point LB-MW01



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

Monitoring Bore marked as LB-MW01 on the SAQP

Pollutant▲	Units	Sampling Frequency	Count (year)	Date of Last Sample	Latest Value
Aluminium	mg/L	Quarterly	2	7/22/2025 12:00:00 AM	0.85000
Ammonia	mg/L	Every 6 months	1	7/22/2025 12:00:00 AM	0.13000
Antimony	mg/L	Every 6 months	1	7/22/2025 12:00:00 AM	0.00050
Arsenic	mg/L	Every 6 months	2	7/22/2025 12:00:00 AM	0.00100
Arsenic III	mg/L	Every 6 months			
Arsenic V	mg/L	Every 6 months	1	7/22/2025 12:00:00 AM	0.00080
Barium	mg/L	Every 6 months	2	7/22/2025 12:00:00 AM	0.03300
Beryllium	mg/L	Every 6 months	2	7/22/2025 12:00:00 AM	0.00050
Boron	mg/L	Quarterly	2	7/22/2025 12:00:00 AM	0.06000
Cadmium	mg/L	Quarterly	2	7/22/2025 12:00:00 AM	0.00005
Calcium	mg/L	Every 6 months	2	7/22/2025 12:00:00 AM	457.00000
Chloride	mg/L	Every 6 months	2	7/22/2025 12:00:00 AM	445.00000
Chromium	mg/L	Quarterly	2	7/22/2025 12:00:00 AM	0.00200
Chromium III	mg/L	Quarterly	1	7/22/2025 12:00:00 AM	0.00200
Chromium VI	mg/L	Quarterly	1	7/22/2025 12:00:00 AM	0.00050
Cobalt	mg/L	Every 6 months	2	7/22/2025 12:00:00 AM	0.00200
Copper	mg/L	Quarterly	2	7/22/2025 12:00:00 AM	0.00050
Cyanide	mg/L	Quarterly	1	7/22/2025 12:00:00 AM	0.00200
Dissolved Organic Carbon	mg/L	Every 6 months			
Electrical Conductivity	uS/cm	Quarterly	1	7/22/2025 12:00:00 AM	13400.00000
Electrical Conductivity Field	uS/cm	Quarterly	2	7/22/2025 12:00:00 AM	13820.00000
Fluoride	mg/L	Every 6 months	2	7/22/2025 12:00:00 AM	0.90000
Iron	mg/L	Every 6 months	2	7/22/2025 12:00:00 AM	2.22000
Lead	mg/L	Every 6 months	2	7/22/2025 12:00:00 AM	0.00200
Magnesium	mg/L	Every 6 months	2	7/22/2025 12:00:00 AM	1590.00000
Manganese	mg/L	Quarterly	2	7/22/2025 12:00:00 AM	0.12700
Mercury	mg/L	Every 6 months	2	7/22/2025 12:00:00 AM	0.00000
Molybdenum	mg/L	Every 6 months	2	7/22/2025 12:00:00 AM	0.00100
Nickel	mg/L	Quarterly	2	7/22/2025 12:00:00 AM	0.00900
Nitrate	mg/L	Every 6 months	2	7/22/2025 12:00:00 AM	7.73000
Nitrogen	mg/L	Quarterly	2	7/22/2025 12:00:00 AM	8.50000
Nitrogen Oxides	mg/L	Every 6 months	2	7/22/2025 12:00:00 AM	7.77000
pH	pH Unit	Quarterly	1	7/22/2025 12:00:00 AM	7.49000
pH Field	pH Unit	Quarterly	2	7/22/2025 12:00:00 AM	7.40000
Phosphorus	mg/L	Every 6 months	1	7/22/2025 12:00:00 AM	0.09000
Phosphorus Dissolved Reactive	mg/L	Every 6 months	1	7/22/2025 12:00:00 AM	0.01000
Potassium	mg/L	Every 6 months	2	7/22/2025 12:00:00 AM	67.00000
Selenium	mg/L	Quarterly	2	7/22/2025 12:00:00 AM	0.03530
Silver	mg/L	Every 6 months			
Sodium	mg/L	Every 6 months	2	7/22/2025 12:00:00 AM	1560.00000
Sulfate	mg/L	Every 6 months	2	7/22/2025 12:00:00 AM	9480.00000

EPA Monitoring Point LB-MW03



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

Monitoring Bore marked as LB-MW03 on the SAQP

Pollutant▲	Units	Sampling Frequency	Count (year)	Date of Last Sample	Latest Value
Aluminium	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	0.00500
Ammonia	mg/L	Every 6 months	2	7/22/2025 12:00:00 AM	0.08000
Antimony	mg/L	Every 6 months	2	7/22/2025 12:00:00 AM	0.00050
Arsenic	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.00050
Arsenic III	mg/L	Every 6 months			
Arsenic V	mg/L	Every 6 months	1	7/22/2025 12:00:00 AM	0.00100
Barium	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.01300
Beryllium	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.00050
Boron	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	2.14000
Cadmium	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	0.00005
Calcium	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	231.00000
Chloride	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	515.00000
Chromium	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	0.00050
Chromium III	mg/L	Quarterly	1	7/22/2025 12:00:00 AM	0.00050
Chromium VI	mg/L	Quarterly	1	7/22/2025 12:00:00 AM	0.00050
Cobalt	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.02500
Copper	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	0.00050
Cyanide	mg/L	Quarterly	2	7/22/2025 12:00:00 AM	0.00200
Dissolved Organic Carbon	mg/L	Every 6 months			
Electrical Conductivity	uS/cm	Quarterly	2	7/22/2025 12:00:00 AM	3540.00000
Electrical Conductivity Field	uS/cm	Quarterly	3	7/22/2025 12:00:00 AM	4080.00000
Fluoride	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.80000
Iron	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.02500
Lead	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.00050
Magnesium	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	229.00000
Manganese	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	1.23000
Mercury	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.00000
Molybdenum	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.01100
Nickel	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	0.04800
Nitrate	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.42000
Nitrogen	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	0.60000
Nitrogen Oxides	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.42000
pH	pH Unit	Quarterly	2	7/22/2025 12:00:00 AM	7.28000
pH Field	pH Unit	Quarterly	3	7/22/2025 12:00:00 AM	7.10000
Phosphorus	mg/L	Every 6 months	2	7/22/2025 12:00:00 AM	0.01000
Phosphorus Dissolved Reactive	mg/L	Every 6 months	2	7/22/2025 12:00:00 AM	0.00500
Potassium	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	25.00000
Selenium	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	0.00010
Silver	mg/L	Every 6 months			
Sodium	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	371.00000
Sulfate	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	1370.00000

EPA Monitoring Point LB-MW05



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

Monitoring Bore marked as LB-MW05 on the SAQP

Pollutant	Units	Sampling Frequency	Count (year)	Date of Last Sample	Latest Value
Aluminium	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	0.04000
Ammonia	mg/L	Every 6 months	2	7/22/2025 12:00:00 AM	0.07000
Antimony	mg/L	Every 6 months	2	7/22/2025 12:00:00 AM	0.00050
Arsenic	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.00100
Arsenic III	mg/L	Every 6 months			
Arsenic V	mg/L	Every 6 months	1	7/22/2025 12:00:00 AM	0.00180
Barium	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.02700
Beryllium	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.00050
Boron	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	0.45000
Cadmium	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	0.00005
Calcium	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	93.00000
Chloride	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	852.00000
Chromium	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	0.00050
Chromium III	mg/L	Quarterly	1	7/22/2025 12:00:00 AM	0.00050
Chromium VI	mg/L	Quarterly	1	7/22/2025 12:00:00 AM	0.00050
Cobalt	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.00200
Copper	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	0.00050
Cyanide	mg/L	Quarterly	2	7/22/2025 12:00:00 AM	0.00200
Dissolved Organic Carbon	mg/L	Every 6 months			
Electrical Conductivity	uS/cm	Quarterly	2	7/22/2025 12:00:00 AM	3880.00000
Electrical Conductivity Field	uS/cm	Quarterly	3	7/22/2025 12:00:00 AM	4450.00000
Fluoride	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	1.00000
Iron	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.42000
Lead	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.00050
Magnesium	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	239.00000
Manganese	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	0.12700
Mercury	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.00000
Molybdenum	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.00500
Nickel	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	0.00200
Nitrate	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.00500
Nitrogen	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	0.20000
Nitrogen Oxides	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.00500
pH	pH Unit	Quarterly	2	7/22/2025 12:00:00 AM	7.48000
pH Field	pH Unit	Quarterly	3	7/22/2025 12:00:00 AM	7.30000
Phosphorus	mg/L	Every 6 months	2	7/22/2025 12:00:00 AM	0.03000
Phosphorus Dissolved Reactive	mg/L	Every 6 months	2	7/22/2025 12:00:00 AM	0.01000
Potassium	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	16.00000
Selenium	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	0.00010
Silver	mg/L	Every 6 months			
Sodium	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	496.00000
Sulfate	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	741.00000

EPA Monitoring Point LB-MW08



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

Monitoring Bore marked as LB-MW08 on the SAQP

Pollutant	Units	Sampling Frequency	Count (year)	Date of Last Sample	Latest Value
Electrical Conductivity Field	uS/cm	Quarterly	3	7/23/2025 12:00:00 AM	5430.00000
Electrical Conductivity	uS/cm	Quarterly	2	7/23/2025 12:00:00 AM	4910.00000
Total Dissolved Solids	mg/L	Every 6 months	1	9/23/2024 12:00:00 AM	4580.00000
Sulfate	mg/L	Every 6 months	3	7/23/2025 12:00:00 AM	2380.00000
Total Hardness	mg/L	Every 6 months	3	7/23/2025 12:00:00 AM	2160.00000
Sodium	mg/L	Every 6 months	3	7/23/2025 12:00:00 AM	603.00000
Calcium	mg/L	Every 6 months	3	7/23/2025 12:00:00 AM	559.00000
Chloride	mg/L	Every 6 months	3	7/23/2025 12:00:00 AM	530.00000
Magnesium	mg/L	Every 6 months	3	7/23/2025 12:00:00 AM	182.00000
Potassium	mg/L	Every 6 months	3	7/23/2025 12:00:00 AM	32.00000
Water Level	Metres	Quarterly	3	7/23/2025 12:00:00 AM	8.83000
pH	pH Unit	Quarterly	2	7/23/2025 12:00:00 AM	7.63000
pH Field	pH Unit	Quarterly	3	7/23/2025 12:00:00 AM	7.00000
Boron	mg/L	Quarterly	3	7/23/2025 12:00:00 AM	1.97000
Iron	mg/L	Every 6 months	3	7/23/2025 12:00:00 AM	1.63000
Fluoride	mg/L	Every 6 months	3	7/23/2025 12:00:00 AM	1.30000
Manganese	mg/L	Quarterly	3	7/23/2025 12:00:00 AM	0.68000
Nitrogen	mg/L	Quarterly	3	7/23/2025 12:00:00 AM	0.50000
Ammonia	mg/L	Every 6 months	2	7/23/2025 12:00:00 AM	0.40000
Aluminium	mg/L	Quarterly	3	7/23/2025 12:00:00 AM	0.14000
Molybdenum	mg/L	Every 6 months	3	7/23/2025 12:00:00 AM	0.04600
Phosphorus	mg/L	Every 6 months	2	7/23/2025 12:00:00 AM	0.04000
Nitrate	mg/L	Every 6 months	3	7/23/2025 12:00:00 AM	0.02000
Nitrogen Oxides	mg/L	Every 6 months	3	7/23/2025 12:00:00 AM	0.02000
Barium	mg/L	Every 6 months	3	7/23/2025 12:00:00 AM	0.01900
Nickel	mg/L	Quarterly	3	7/23/2025 12:00:00 AM	0.00500
Phosphorus Dissolved Reactive	mg/L	Every 6 months	2	7/23/2025 12:00:00 AM	0.00500
Vanadium	mg/L	Every 6 months	3	7/23/2025 12:00:00 AM	0.00500
Zinc	mg/L	Quarterly	3	7/23/2025 12:00:00 AM	0.00250
Cyanide	mg/L	Quarterly	2	7/23/2025 12:00:00 AM	0.00200
Arsenic V	mg/L	Every 6 months	1	7/23/2025 12:00:00 AM	0.00120
Arsenic	mg/L	Every 6 months	3	7/23/2025 12:00:00 AM	0.00100
Cobalt	mg/L	Every 6 months	3	7/23/2025 12:00:00 AM	0.00100
Antimony	mg/L	Every 6 months	2	7/23/2025 12:00:00 AM	0.00050
Beryllium	mg/L	Every 6 months	3	7/23/2025 12:00:00 AM	0.00050
Chromium	mg/L	Quarterly	3	7/23/2025 12:00:00 AM	0.00050
Chromium III	mg/L	Quarterly	1	7/23/2025 12:00:00 AM	0.00050
Chromium VI	mg/L	Quarterly	1	7/23/2025 12:00:00 AM	0.00050
Copper	mg/L	Quarterly	3	7/23/2025 12:00:00 AM	0.00050
Lead	mg/L	Every 6 months	3	7/23/2025 12:00:00 AM	0.00050
Selenium	mg/L	Quarterly	3	7/23/2025 12:00:00 AM	0.00020

Monitoring Bore marked as LB-MW11 on the SAQP

Pollutant▲	Units	Sampling Frequency	Count (year)	Date of Last Sample	Latest Value
Aluminium	mg/L	Quarterly	3	7/23/2025 12:00:00 AM	0.06000
Ammonia	mg/L	Every 6 months	2	7/23/2025 12:00:00 AM	0.08000
Antimony	mg/L	Every 6 months	2	7/23/2025 12:00:00 AM	0.00050
Arsenic	mg/L	Every 6 months	3	7/23/2025 12:00:00 AM	0.00050
Arsenic III	mg/L	Every 6 months			
Arsenic V	mg/L	Every 6 months	1	7/23/2025 12:00:00 AM	0.00070
Barium	mg/L	Every 6 months	3	7/23/2025 12:00:00 AM	0.01700
Beryllium	mg/L	Every 6 months	3	7/23/2025 12:00:00 AM	0.00050
Boron	mg/L	Quarterly	3	7/23/2025 12:00:00 AM	1.02000
Cadmium	mg/L	Quarterly	3	7/23/2025 12:00:00 AM	0.00005
Calcium	mg/L	Every 6 months	3	7/23/2025 12:00:00 AM	79.00000
Chloride	mg/L	Every 6 months	3	7/23/2025 12:00:00 AM	809.00000
Chromium	mg/L	Quarterly	3	7/23/2025 12:00:00 AM	0.00050
Chromium III	mg/L	Quarterly	1	7/23/2025 12:00:00 AM	0.00050
Chromium VI	mg/L	Quarterly	1	7/23/2025 12:00:00 AM	0.00600
Cobalt	mg/L	Every 6 months	3	7/23/2025 12:00:00 AM	0.00050
Copper	mg/L	Quarterly	3	7/23/2025 12:00:00 AM	0.00050
Cyanide	mg/L	Quarterly	2	7/23/2025 12:00:00 AM	0.00200
Dissolved Organic Carbon	mg/L	Every 6 months			
Electrical Conductivity	uS/cm	Quarterly	2	7/23/2025 12:00:00 AM	4330.00000
Electrical Conductivity Field	uS/cm	Quarterly	3	7/23/2025 12:00:00 AM	4890.00000
Fluoride	mg/L	Every 6 months	3	7/23/2025 12:00:00 AM	1.40000
Iron	mg/L	Every 6 months	3	7/23/2025 12:00:00 AM	0.10000
Lead	mg/L	Every 6 months	3	7/23/2025 12:00:00 AM	0.00050
Magnesium	mg/L	Every 6 months	3	7/23/2025 12:00:00 AM	154.00000
Manganese	mg/L	Quarterly	3	7/23/2025 12:00:00 AM	0.00300
Mercury	mg/L	Every 6 months	3	7/23/2025 12:00:00 AM	0.00000
Molybdenum	mg/L	Every 6 months	3	7/23/2025 12:00:00 AM	0.00200
Nickel	mg/L	Quarterly	3	7/23/2025 12:00:00 AM	0.00200
Nitrate	mg/L	Every 6 months	3	7/23/2025 12:00:00 AM	0.09000
Nitrogen	mg/L	Quarterly	3	7/23/2025 12:00:00 AM	0.30000
Nitrogen Oxides	mg/L	Every 6 months	3	7/23/2025 12:00:00 AM	0.09000
pH	pH Unit	Quarterly	2	7/23/2025 12:00:00 AM	7.96000
pH Field	pH Unit	Quarterly	3	7/23/2025 12:00:00 AM	7.50000
Phosphorus	mg/L	Every 6 months	2	7/23/2025 12:00:00 AM	0.03000
Phosphorus Dissolved Reactive	mg/L	Every 6 months	2	7/23/2025 12:00:00 AM	0.00500
Potassium	mg/L	Every 6 months	3	7/23/2025 12:00:00 AM	12.00000
Selenium	mg/L	Quarterly	3	7/23/2025 12:00:00 AM	0.00140
Silver	mg/L	Every 6 months			
Sodium	mg/L	Every 6 months	3	7/23/2025 12:00:00 AM	875.00000
Sulfate	mg/L	Every 6 months	3	7/23/2025 12:00:00 AM	1000.00000

Monitoring Bore marked as LB-MW13 on the SAQP

Pollutant▲	Units	Sampling Frequency	Count (year)	Date of Last Sample	Latest Value
Aluminium	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	0.03000
Ammonia	mg/L	Every 6 months	2	7/22/2025 12:00:00 AM	0.71000
Antimony	mg/L	Every 6 months	2	7/22/2025 12:00:00 AM	0.00200
Arsenic	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.00050
Arsenic III	mg/L	Every 6 months			
Arsenic V	mg/L	Every 6 months	1	7/22/2025 12:00:00 AM	0.00070
Barium	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.02000
Beryllium	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.00050
Boron	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	1.91000
Cadmium	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	0.00020
Calcium	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	454.00000
Chloride	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	472.00000
Chromium	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	0.00050
Chromium III	mg/L	Quarterly	1	7/22/2025 12:00:00 AM	0.00050
Chromium VI	mg/L	Quarterly	1	7/22/2025 12:00:00 AM	0.00050
Cobalt	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.00200
Copper	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	0.00050
Cyanide	mg/L	Quarterly	2	7/22/2025 12:00:00 AM	0.00200
Dissolved Organic Carbon	mg/L	Every 6 months			
Electrical Conductivity	uS/cm	Quarterly	2	7/22/2025 12:00:00 AM	3140.00000
Electrical Conductivity Field	uS/cm	Quarterly	3	7/22/2025 12:00:00 AM	3350.00000
Fluoride	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	1.10000
Iron	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.09000
Lead	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.00050
Magnesium	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	73.00000
Manganese	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	1.02000
Mercury	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.00000
Molybdenum	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.01200
Nickel	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	0.00600
Nitrate	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.21000
Nitrogen	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	1.20000
Nitrogen Oxides	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.23000
pH	pH Unit	Quarterly	2	7/22/2025 12:00:00 AM	7.54000
pH Field	pH Unit	Quarterly	3	7/22/2025 12:00:00 AM	7.40000
Phosphorus	mg/L	Every 6 months	2	7/22/2025 12:00:00 AM	0.04000
Phosphorus Dissolved Reactive	mg/L	Every 6 months	2	7/22/2025 12:00:00 AM	0.00500
Potassium	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	14.00000
Selenium	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	0.00010
Silver	mg/L	Every 6 months			
Sodium	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	305.00000
Sulfate	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	1300.00000

EPA Monitoring Point LB-MW14



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

Monitoring Bore marked as LB-MW14 on the SAQP

Pollutant▲	Units	Sampling Frequency	Count (year)	Date of Last Sample	Latest Value
Aluminium	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	0.64000
Ammonia	mg/L	Every 6 months	2	7/22/2025 12:00:00 AM	0.70000
Antimony	mg/L	Every 6 months	2	7/22/2025 12:00:00 AM	0.00050
Arsenic	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.00050
Arsenic III	mg/L	Every 6 months			
Arsenic V	mg/L	Every 6 months	1	7/22/2025 12:00:00 AM	0.00090
Barium	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.02100
Beryllium	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.00100
Boron	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	1.80000
Cadmium	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	0.00060
Calcium	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	630.00000
Chloride	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	451.00000
Chromium	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	0.00200
Chromium III	mg/L	Quarterly	2	7/22/2025 12:00:00 AM	0.00200
Chromium VI	mg/L	Quarterly	2	7/22/2025 12:00:00 AM	0.00050
Cobalt	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.06900
Copper	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	0.00050
Cyanide	mg/L	Quarterly	2	7/22/2025 12:00:00 AM	0.00200
Dissolved Organic Carbon	mg/L	Every 6 months			
Electrical Conductivity	uS/cm	Quarterly	2	7/22/2025 12:00:00 AM	3370.00000
Electrical Conductivity Field	uS/cm	Quarterly	3	7/22/2025 12:00:00 AM	4110.00000
Fluoride	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.80000
Iron	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	1.29000
Lead	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.00050
Magnesium	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	71.00000
Manganese	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	2.63000
Mercury	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.00000
Molybdenum	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.00050
Nickel	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	0.05000
Nitrate	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.02000
Nitrogen	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	0.90000
Nitrogen Oxides	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.04000
pH	pH Unit	Quarterly	2	7/22/2025 12:00:00 AM	6.55000
pH Field	pH Unit	Quarterly	3	7/22/2025 12:00:00 AM	6.40000
Phosphorus	mg/L	Every 6 months	2	7/22/2025 12:00:00 AM	0.05000
Phosphorus Dissolved Reactive	mg/L	Every 6 months	2	7/22/2025 12:00:00 AM	0.00500
Potassium	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	15.00000
Selenium	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	0.00050
Silver	mg/L	Every 6 months			
Sodium	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	313.00000
Sulfate	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	1840.00000

EPA Monitoring Point LV-MW03



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

Monitoring Bore marked as LV-MW03 on the SAQP

Pollutant▲	Units	Sampling Frequency	Count (year)	Date of Last Sample	Latest Value
Aluminium	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	0.00500
Ammonia	mg/L	Every 6 months	2	7/22/2025 12:00:00 AM	0.08000
Antimony	mg/L	Every 6 months	2	7/22/2025 12:00:00 AM	0.00050
Arsenic	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.00050
Arsenic III	mg/L	Every 6 months			
Arsenic V	mg/L	Every 6 months	1	7/22/2025 12:00:00 AM	0.00100
Barium	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.01300
Beryllium	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.00050
Boron	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	2.14000
Cadmium	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	0.00005
Calcium	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	231.00000
Chloride	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	515.00000
Chromium	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	0.00050
Chromium III	mg/L	Quarterly	1	7/22/2025 12:00:00 AM	0.00050
Chromium VI	mg/L	Quarterly	1	7/22/2025 12:00:00 AM	0.00050
Cobalt	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.02500
Copper	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	0.00050
Cyanide	mg/L	Quarterly	2	7/22/2025 12:00:00 AM	0.00200
Dissolved Organic Carbon	mg/L	Every 6 months			
Electrical Conductivity	uS/cm	Quarterly	2	7/22/2025 12:00:00 AM	3540.00000
Electrical Conductivity Field	uS/cm	Quarterly	3	7/22/2025 12:00:00 AM	4080.00000
Fluoride	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.80000
Iron	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.02500
Lead	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.00050
Magnesium	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	229.00000
Manganese	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	1.23000
Mercury	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.00000
Molybdenum	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.01100
Nickel	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	0.04800
Nitrate	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.42000
Nitrogen	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	0.60000
Nitrogen Oxides	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	0.42000
pH	pH Unit	Quarterly	2	7/22/2025 12:00:00 AM	7.28000
pH Field	pH Unit	Quarterly	3	7/22/2025 12:00:00 AM	7.10000
Phosphorus	mg/L	Every 6 months	2	7/22/2025 12:00:00 AM	0.01000
Phosphorus Dissolved Reactive	mg/L	Every 6 months	2	7/22/2025 12:00:00 AM	0.00500
Potassium	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	25.00000
Selenium	mg/L	Quarterly	3	7/22/2025 12:00:00 AM	0.00010
Silver	mg/L	Every 6 months			
Sodium	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	371.00000
Sulfate	mg/L	Every 6 months	3	7/22/2025 12:00:00 AM	1370.00000

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