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

Monthly Data Summary
AGL Macquarie - Liddell Power Station
Environmental Protection License: EPL2122

EPA Monitoring Point 16

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

Discharge of cooling water from the cooling water outlet canal to Lake Liddell marked and shown as EPL Monitors ID. 16 on The Plans

Pollutant	Unit of measure	Sampling Frequency	No. samples collected	Lowest sample value	Mean value	Highest value
Ammonia	mg/L	Fortnightly	2	0.04000	0.08500	0.13000
Anionic Surfactants	mg/L	Fortnightly	2	0.05000	0.05000	0.05000
Antimony	mg/L	Fortnightly	2	0.00300	0.00350	0.00400
Arsenic	mg/L	Fortnightly	2	0.00300	0.00350	0.00400
Barium	mg/L	Fortnightly	2	0.08700	0.09150	0.09600
Beryllium	mg/L	Fortnightly	2	0.00050	0.00050	0.00050
Boron	mg/L	Fortnightly	2	1.10000	1.14000	1.18000
Cadmium	mg/L	Fortnightly	2	0.00005	0.00005	0.00005
Chlorine	mg/L	Fortnightly	2	0.01000	0.01500	0.02000
Chromium III	mg/L	Fortnightly	2	0.00500	0.00500	0.00500
Chromium VI	mg/L	Fortnightly	2	0.00500	0.00500	0.00500
Cobalt	mg/L	Fortnightly	2	0.00050	0.00050	0.00050
Conductivity	uS/cm	Fortnightly	2	2610.00000	2695.00000	2780.00000
Copper	mg/L	Fortnightly	2	0.00200	0.00200	0.00200
Fluoride	mg/L	Fortnightly	2	1.40000	1.45000	1.50000
Lead	mg/L	Fortnightly	2	0.00050	0.00050	0.00050
Manganese	mg/L	Fortnightly	2	0.01300	0.01300	0.01300
Mercury	mg/L	Fortnightly	2	0.00005	0.00005	0.00005
Molybdenum	mg/L	Fortnightly	2	0.08600	0.09250	0.09900
Nickel	mg/L	Fortnightly	2	0.00400	0.00400	0.00400
Nitrogen	mg/L	Fortnightly	2	0.50000	0.60000	0.70000
Oil and Grease	mg/L	Weekly during any discharge	2	1.00000	1.00000	1.00000
pH	pH units	Daily	2	7.80000	8.00000	8.20000
Phosporus	mg/L	Fortnightly	2	0.00500	0.00500	0.00500
Selenium	mg/L	Fortnightly	2	0.00500	0.00500	0.00500
Sulfur	mg/L	Fortnightly	2	200.00000	240.00000	280.00000
Suspended Solids	mg/L	Fortnightly	2	2.50000	4.25000	6.00000
Temperature	degC	Fortnightly	2	17.30000	19.50000	21.70000
Tin	mg/L	Fortnightly	2	0.00050	0.00050	0.00050
Total Dissolved Solids	mg/L	Fortnightly	2	1720.00000	1820.00000	1920.00000
Total Organic Carbon	mg/L	Fortnightly	2	9.00000	9.50000	10.00000
Vanadium	mg/L	Fortnightly	2	0.00500	0.00500	0.00500
Zinc	mg/L	Fortnightly	2	0.00800	0.00900	0.01000

EPA Monitoring Point 17

Start Of Month	End Of Month
01-May-25 12:00:00 AM	01-Jun-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	Fortnightly	2	0.02000	0.08500	0.15000
Anionic Surfactants	mg/L	Fortnightly	2	0.05000	0.07500	0.10000
Antimony	mg/L	Fortnightly	2	0.00050	0.00175	0.00300
Arsenic	mg/L	Fortnightly	2	0.00200	0.00250	0.00300
Barium	mg/L	Fortnightly	2	0.05400	0.06800	0.08200
Beryllium	mg/L	Fortnightly	2	0.00050	0.00050	0.00050
Boron	mg/L	Fortnightly	2	0.18000	0.55500	0.93000
Cadmium	mg/L	Fortnightly	2	0.00005	0.00005	0.00005
Chlorine	mg/L	Fortnightly	2	0.03000	0.03000	0.03000
Chromium III	mg/L	Fortnightly	2	0.00500	0.00500	0.00500
Chromium VI	mg/L	Fortnightly	2	0.00500	0.00500	0.00500
Cobalt	mg/L	Fortnightly	2	0.00050	0.00050	0.00050
Conductivity	uS/cm	Fortnightly	4	226.00000	752.00000	2200.00000
Copper	mg/L	Fortnightly	2	0.00050	0.00125	0.00200
Fluoride	mg/L	Fortnightly	2	0.40000	0.80000	1.20000
Lead	mg/L	Fortnightly	2	0.00050	0.00050	0.00050
Manganese	mg/L	Fortnightly	2	0.01500	0.02100	0.02700
Mercury	mg/L	Fortnightly	2	0.00005	0.00005	0.00005
Molybdenum	mg/L	Fortnightly	2	0.00600	0.03850	0.07100
Nickel	mg/L	Fortnightly	2	0.00100	0.00200	0.00300
Nitrogen	mg/L	Fortnightly	2	0.40000	0.65000	0.90000
Oil and Grease	mg/L	Weekly during any discharge	4	1.00000	1.50000	3.00000
pH	pH units	Daily during any discharge	14	7.16000	7.60714	8.60000
Phosporus	mg/L	Fortnightly	2	0.02000	0.02500	0.03000
Selenium	mg/L	Fortnightly	2	0.00500	0.00500	0.00500
Sulfur	mg/L	Fortnightly	2	10.00000	75.00000	140.00000
Suspended Solids	mg/L	Fortnightly	2	7.00000	8.50000	10.00000
Temperature	degC	Fortnightly	4	16.40000	17.70000	19.40000
Tin	mg/L	Fortnightly	2	0.00050	0.00050	0.00050
Total Dissolved Solids	mg/L	Fortnightly	2	160.00000	810.00000	1460.00000
Total Organic Carbon	mg/L	Fortnightly	2	6.00000	7.50000	9.00000
Vanadium	mg/L	Fortnightly	2	0.00500	0.00500	0.00500
Zinc	mg/L	Fortnightly	2	0.00600	0.01650	0.02700

EPA Monitoring Point 18

Start Of Month	End Of Month
01-May-25 12:00:00 AM	01-Jun-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	Unit of measure	Sampling Frequency	No. samples collected	Lowest sample value	Mean value	Highest value
Arsenic	mg/L	Weekly during any discharge	4	0.00800	0.01550	0.02100
Boron	mg/L	Weekly during any discharge	4	1.73000	1.98250	2.11000
Cadmium	mg/L	Weekly during any discharge	4	0.00005	0.00005	0.00005
Chromium III	mg/L	Weekly during any discharge	4	0.00500	0.00500	0.00500
Chromium VI	mg/L	Weekly during any discharge	4	0.00500	0.00500	0.00500
Conductivity	uS/cm	Weekly during any discharge	4	2780.00000	4410.00000	4960.00000
Copper	mg/L	Weekly during any discharge	4	0.00050	0.00063	0.00100
Fluoride	mg/L	Weekly during any discharge	4	0.90000	1.52500	1.80000
Lead	mg/L	Weekly during any discharge	4	0.00050	0.00050	0.00050
Mercury	mg/L	Weekly during any discharge	4	0.00005	0.00005	0.00005
Oil and Grease	mg/L	Weekly during any discharge	4	1.00000	2.75000	8.00000
pH	pH units	Weekly during any discharge	4	7.50000	7.55000	7.70000
Selenium	mg/L	Weekly during any discharge	4	0.00500	0.00500	0.00500
Suspended Solids	mg/L	Weekly during any discharge	4	2.50000	8.37500	12.00000
Volume	ML/d	Daily	31	0.00000	7.73087	58.28988
Zinc	mg/L	Weekly during any discharge	4	0.00500	0.00775	0.01000

EPA Monitoring Point 19

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

Discharge of effluent from the final pond of the onsite sewage treatment system adjacent to utilisation area marked and shown as EPL Monitors ID. 19 on The Plans

Pollutant	Unit of measure	Sampling Frequency	No. samples collected	Lowest sample value	Mean value	Highest value
Volume	kL/d	Daily	0			

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