



Start Of Month	EndDate
01-Apr-25 12:00:00 AM	01-May-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-Apr-25 12:00:00 AM	01-May-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	3	0.03000	0.07667	0.14000
Anionic Surfactants	mg/L	Fortnightly	3	0.05000	0.05000	0.05000
Antimony	mg/L	Fortnightly	3	0.00400	0.00433	0.00500
Arsenic	mg/L	Fortnightly	3	0.00300	0.00367	0.00400
Barium	mg/L	Fortnightly	3	0.08400	0.09067	0.09400
Beryllium	mg/L	Fortnightly	3	0.00050	0.00050	0.00050
Boron	mg/L	Fortnightly	3	1.03000	1.11000	1.16000
Cadmium	mg/L	Fortnightly	3	0.00005	0.00005	0.00005
Chlorine	mg/L	Fortnightly	3	0.02000	0.02000	0.02000
Chromium III	mg/L	Fortnightly	3	0.00500	0.00500	0.00500
Chromium VI	mg/L	Fortnightly	3	0.00500	0.00500	0.00500
Cobalt	mg/L	Fortnightly	3	0.00050	0.00050	0.00050
Conductivity	uS/cm	Fortnightly	3	2650.00000	2703.33333	2730.00000
Copper	mg/L	Fortnightly	3	0.00050	0.00150	0.00200
Fluoride	mg/L	Fortnightly	3	1.50000	1.56667	1.60000
Lead	mg/L	Fortnightly	3	0.00050	0.00050	0.00050
Manganese	mg/L	Fortnightly	3	0.00400	0.01433	0.02300
Mercury	mg/L	Fortnightly	3	0.00005	0.00005	0.00005
Molybdenum	mg/L	Fortnightly	3	0.08600	0.09167	0.09600
Nickel	mg/L	Fortnightly	3	0.00200	0.00300	0.00400
Nitrogen	mg/L	Fortnightly	3	0.60000	0.66667	0.70000
Oil and Grease	mg/L	Weekly during any discharge	3	1.00000	1.00000	1.00000
pH	pH units	Daily	3	8.00000	8.06667	8.10000
Phosporus	mg/L	Fortnightly	3	0.00500	0.03500	0.06000
Selenium	mg/L	Fortnightly	3	0.00500	0.00500	0.00500
Sulfur	mg/L	Fortnightly	3	210.00000	226.66667	240.00000
Suspended Solids	mg/L	Fortnightly	3	2.50000	6.16667	10.00000
Temperature	degC	Fortnightly	3	21.00000	22.66667	23.60000
Tin	mg/L	Fortnightly	3	0.00050	0.00050	0.00050
Total Dissolved Solids	mg/L	Fortnightly	3	1890.00000	1960.00000	2030.00000
Total Organic Carbon	mg/L	Fortnightly	3	8.00000	8.00000	8.00000
Vanadium	mg/L	Fortnightly	3	0.00500	0.00500	0.00500
Zinc	mg/L	Fortnightly	3	0.00250	0.00367	0.00600

EPA Monitoring Point 17



Start Of Month	End Of Month
01-Apr-25 12:00:00 AM	01-May-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	3	0.04000	0.07000	0.13000
Anionic Surfactants	mg/L	Fortnightly	3	0.05000	0.05000	0.05000
Antimony	mg/L	Fortnightly	3	0.00050	0.00067	0.00100
Arsenic	mg/L	Fortnightly	3	0.00100	0.00167	0.00200
Barium	mg/L	Fortnightly	3	0.04400	0.05133	0.06100
Beryllium	mg/L	Fortnightly	3	0.00050	0.00050	0.00050
Boron	mg/L	Fortnightly	3	0.09000	0.13000	0.21000
Cadmium	mg/L	Fortnightly	3	0.00005	0.00005	0.00005
Chlorine	mg/L	Fortnightly	3	0.02000	0.03000	0.04000
Chromium III	mg/L	Fortnightly	3	0.00500	0.00500	0.00500
Chromium VI	mg/L	Fortnightly	3	0.00500	0.00500	0.00500
Cobalt	mg/L	Fortnightly	3	0.00050	0.00050	0.00050
Conductivity	uS/cm	Fortnightly	5	197.00000	247.40000	320.00000
Copper	mg/L	Fortnightly	3	0.00200	0.00233	0.00300
Fluoride	mg/L	Fortnightly	3	0.30000	0.40000	0.50000
Lead	mg/L	Fortnightly	3	0.00050	0.00117	0.00200
Manganese	mg/L	Fortnightly	3	0.01600	0.02467	0.03400
Mercury	mg/L	Fortnightly	3	0.00005	0.00005	0.00005
Molybdenum	mg/L	Fortnightly	3	0.00300	0.00433	0.00600
Nickel	mg/L	Fortnightly	3	0.00050	0.00150	0.00200
Nitrogen	mg/L	Fortnightly	3	0.60000	0.73333	0.80000
Oil and Grease	mg/L	Weekly during any discharge	5	1.00000	1.00000	1.00000
pH	pH units	Daily during any discharge	7	7.43000	8.00571	8.50000
Phosporus	mg/L	Fortnightly	3	0.02000	0.05000	0.08000
Selenium	mg/L	Fortnightly	3	0.00500	0.00500	0.00500
Sulfur	mg/L	Fortnightly	3	5.00000	6.66667	10.00000
Suspended Solids	mg/L	Fortnightly	3	12.00000	17.33333	26.00000
Temperature	degC	Fortnightly	5	19.20000	20.48000	22.50000
Tin	mg/L	Fortnightly	3	0.00050	0.00050	0.00050
Total Dissolved Solids	mg/L	Fortnightly	3	145.00000	148.33333	152.00000
Total Organic Carbon	mg/L	Fortnightly	3	7.00000	9.00000	10.00000
Vanadium	mg/L	Fortnightly	3	0.00500	0.00500	0.00500
Zinc	mg/L	Fortnightly	3	0.01100	0.03300	0.05000

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
Arsenic	mg/L	Weekly during any discharge	5	0.01800	0.02160	0.02600
Boron	mg/L	Weekly during any discharge	5	2.06000	2.16000	2.26000
Cadmium	mg/L	Weekly during any discharge	5	0.00005	0.00005	0.00005
Chromium III	mg/L	Weekly during any discharge	5	0.00500	0.00500	0.00500
Chromium VI	mg/L	Weekly during any discharge	5	0.00500	0.00500	0.00500
Conductivity	uS/cm	Weekly during any discharge	5	4850.00000	4988.00000	5130.00000
Copper	mg/L	Weekly during any discharge	5	0.00050	0.00050	0.00050
Fluoride	mg/L	Weekly during any discharge	5	1.70000	1.76000	1.80000
Lead	mg/L	Weekly during any discharge	5	0.00050	0.00050	0.00050
Mercury	mg/L	Weekly during any discharge	5	0.00005	0.00005	0.00005
Oil and Grease	mg/L	Weekly during any discharge	5	1.00000	1.00000	1.00000
pH	pH units	Weekly during any discharge	5	7.30000	7.44000	7.60000
Selenium	mg/L	Weekly during any discharge	5	0.00500	0.00500	0.00500
Suspended Solids	mg/L	Weekly during any discharge	5	2.50000	8.30000	14.00000
Volume	ML/d	Daily	31	0.00000	0.57046	2.54502
Zinc	mg/L	Weekly during any discharge	5	0.00250	0.00810	0.01200

Start Of Month

End Of Month

01-Apr-25 12:00:00 AM

01-May-25 12:00:00 AM

EPA Monitoring Point 19

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			



Start Of Month

End Of Month

01-Apr-25 12:00:00 AM

01-May-25 12:00:00 AM

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