# **B** Monitoring and Complaints Summary

Period: 1/06/2024 to 1/07/2024

#### B1 Number of Pollution Complaints 0

**Energy**Australia

17 July 2024

Pollution Category	Number of Complaints
Air	0
Water	0
Noise	0
Waste	0
Other	0

 EPL Number:
 555

 Licensee's name:
 ENERGYAUSTRALIA TALLAWARRA

 Licensee's address:
 Tallawarra Power Station, Princes Highway, YALLAH, NSW 2530

 Link to EPL:
 <a href="http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=555&id=555&oo">http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=555&id=555&oo</a>

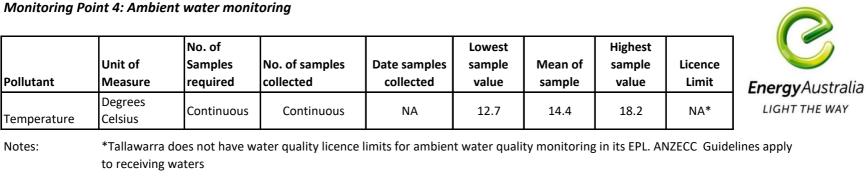
 ption=licence&searchrange=licence&range=POEO%20licence&prp=no&sta
 <a href="http://www.tustid=1555wid=555&co">tustid=1555&co</a>

## B2 Concentration Monitoring Summary

Monitoring Point 2: Effluent quality monitoring

Pollutant	Unit of Measure	No. of Samples required	No. of samples collected	Date samples collected	Lowest sample value	Mean of sample	Highest sample value	Licence Limit
Biochemical oxygen demand	milligrams per litre	Special Frequency 1	1	27/05/2024	3	3	3	20
Total suspended solids	milligrams per litre	Special Frequency 1	1	27/05/2024	23	23	23	30

Comments:



Comments: Periods where the plant is offline or Thermoshock is active have been removed from this data set.

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#### Discharge and Monitoring Point 5: Discharge water quality monitoring

Pollutant	Unit of Measure		No. of samples collected	Date samples collected	Lowest sample value	Mean of sample	Highest sample value	Licence Limit
Temperature	Degrees Celsius	Continuous	Continuous	NA	9.5	12.7	21.4	35

Comments: Periods where the plant is offline have been removed from this data set.

#### Monitoring Point 6: Ambient water monitoring

Pollutant	Unit of		No. of samples collected	Date samples collected	Lowest sample value	Mean of sample	Highest sample value	Licence Limit	<b>Energy</b> Australia
Temperature	Degrees Celsius	Continuous	Continuous	NA	11.4	14.3	17.6	NA*	LIGHT THE WAY

Comments: n/a 17 July 2024

### Monitoring Point 7: Ambient water monitoring

Pollutant	Unit of Measure		No. of samples collected	Date samples collected	Lowest sample value	Mean of sample	Highest sample value	Licence Limit
Temperature	Degrees Celsius	Continuous	Continuous	NA	12.8	14.4	18.1	NA*

Comments: n/a

#### Monitoring Point 8: Discharge water monitoring

Pollutant	Unit of Measure	No. of Samples required Monthly	No. of samples collected	Date samples collected	Lowest sample value	Mean of sample	Highest sample value	Licence Limit	<b>Energy</b> Australia
Copper	micrograms per litre	during discharge	0	-	-	-	-	NA*	
Nitrogen (total)	milligrams per litre	Monthly during discharge	0	-	-	-	-	NA*	17 July 2024
рН	рН	Monthly during discharge	0	-	-	-	-	NA*	
Total Phosporous - filtered sample	milligrams per litre	Monthly during discharge	0	-	-	-	-	NA*	
Total suspended solids	milligrams per litre	Monthly during discharge	0	-	-	-	-	NA*	
Zinc	micrograms per litre	Monthly during discharge	0	-	-	-	-	NA*	

Notes: \*Tallawarra does not have water quality licence limits for ambient water quality monitoring in its EPL. ANZECC. Guidelines apply to receiving waters

Comments:

Pollutant	Unit of Measure	No. of Samples required	Lowest sample value	Mean of sample	Highest sample value	Licence Limit
Moisture content	Percent	Continuous	7.1	8.2	14.4	NA
Nitrogen oxides	parts per million	Continuous	5.8	9.2	13.7	25
Oxygen (O2)	Percent	Continuous	11.9	13.3	14.1	NA
Temperature	Degrees Celsius	Continuous	75.0	88.0	97.8	NA
Volumetric flow rate	cubic metres per second	Continuous	220.7	368.1	430.0	NA





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#### Discharge and Monitoring Point 13: Air emissions monitoring

Pollutant	Unit of Measure	No. of Samples required	Lowest sample value	Mean of sample	Highest sample value	Licence Limit
Moisture content	Percent	Continuous	8.0	8.0	8.0	NA
Nitrogen oxides	parts per million	Continuous	10.6	13.5	17.8	25
Oxygen (O2)	Percent	Continuous	12.7	12.9	13.8	NA
Temperature	Degrees Celsius	Continuous	629.8	639.6	656.8	NA
Velocity	Meters per second	Continuous	14.2	21.7	23.2	NA
Volumetric flow rate	cubic metres per second	Continuous	568.6	872.6	932.5	NA

Notes: Plant in commercial operation from 18/06/2024 at 13:30. Moisture content subtituted for conservative value of 8%.



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## B3 Volume or Mass Monitoring Summary

Monitoring Point 3: Sewage volume monitoring

Pollutant	Unit of Measure		No. of samples collected	Date Samples collected	Lowest result	Mean result	Highest result	Licence Limit
Sewage	Kilolitres per day	Continuous	**	NA	0	4	31	100

Notes: \*\* Continuous data recorded via inline flow meter

Comments: