# **B** Monitoring and Complaints Summary

Period: 1/05/2024 to 1/06/2024

## B1 Number of Pollution Complaints 1

**Energy**Australia

6 June 2024

Pollution Category	Number of Complaints
Air	0
Water	0
Noise	0
Waste	0
Other	1

 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>

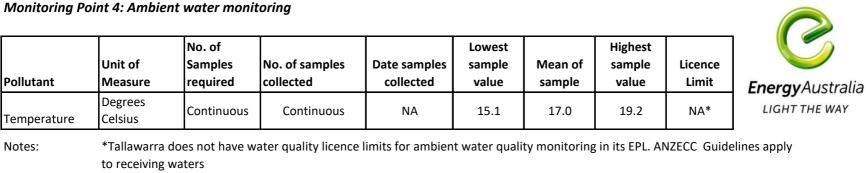
 ption=licence&searchrange=licence&range=POEO%20licence&prp=no&sta
 <a href="http://www.tus=lssued">tus=lssued</a>

### 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. 6 June 2024

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

Pollutant

Notes:

Pollutant			No. of samples collected	Date samples collected	Lowest sample value	Mean of sample	Highest sample value	Licence Limit
Temperature	Degrees Celsius	Continuous	Continuous	NA	11.4	14.9	22.5	35

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

## Monitoring Point 6: 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	<b>Energy</b> Australia
Temperature	Degrees Celsius	Continuous	Continuous	NA	13.7	17.1	21.0	NA*	LIGHT THE WAY

Comments: n/a 6 June 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	14.9	17.3	19.8	NA*

Comments: n/a

### Monitoring Point 8: Discharge water monitoring

Monitoring Poi	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	Energy Australia
Copper	micrograms per litre	Monthly during discharge	0	-	-	-	-	NA*	LIGHT THE WAY
Nitrogen (total)	milligrams per litre	Monthly during discharge	0	-	-	-	-	NA*	6 June 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*	

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

Comments: No Discharge.

Pollutant	Unit of Measure	No. of Samples required	Lowest sample value	Mean of sample	Highest sample value	Licence Limit
Moisture content	Percent	Continuous	7.4	8.3	8.6	NA
Nitrogen oxides	parts per million	Continuous	6.6	9.4	11.7	25
Oxygen (O2)	Percent	Continuous	13.1	13.4	14.0	NA
Temperature	Degrees Celsius	Continuous	77.4	89.6	96.0	NA
Volumetric flow rate	cubic metres per second	Continuous	263.6	371.4	431.4	NA

#### Discharge and Monitoring Point 9: Air emissions monitoring



6 June 2024

### 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	-	-	-	NA
Nitrogen oxides	parts per million	Continuous	-	-	-	25
Oxygen (O2)	Percent	Continuous	-	-	-	NA
Temperature	Degrees Celsius	Continuous	-	-	-	NA
Velocity	Meters per second	Continuous	-	-	-	NA
Volumetric flow rate	cubic metres per second	Continuous	-	-	-	NA

Notes: Plant not in operation

Comments: N/A Not Applicable Plant Not in Operation



## B3 Volume or Mass Monitoring Summary

Monitoring Point 3: Sewage volume monitoring

Pollutant	Unit of Measure	No. of Samples required	No. of samples collected	Date Samples collected	Lowest result	Mean result	Highest result	
Sewage	Kilolitres per day	Continuous	**	NA	0	12	34	Licence Limit
			-					100

Notes:

\*\* Continuous data recorded via inline flow meter

Comments: