B Monitoring and Complaints Summary

Period: 1/05/2025 to 1/06/2025

B1 Number of Pollution Complaints 0

C
Energy Australia
LIGHT THE WAY

17 June 2025

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: <u>http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=555&id=555& option=licence&searchrange=licence&range=POEO%20licence&prp=no&s tatus=Issued</u>

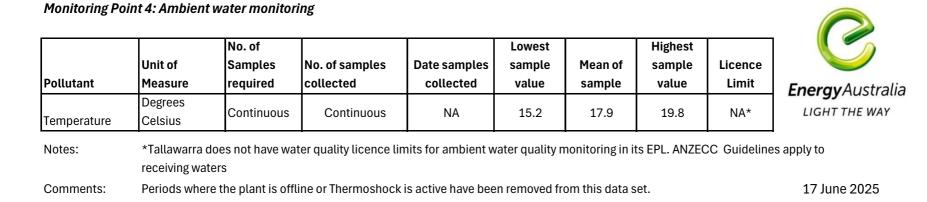
B2 Concentration Monitoring Summary

Monitoring Point 2: Effluent quality monitoring

		No. of			Lowest		Highest	
	Unit of	Samples	No. of samples	Date samples	sample	Mean of	sample	Licence
Pollutant	Measure	required	collected	collected	value	sample	value	Limit
Biochemical	milligrams per	Special	0					20
oxygen demand	litre	Frequency 1	0	-	-	-	-	20
Total suspended	milligrams per	Special	0					30
solids	litre	Frequency 1	0	-	-	-	-	30

Comments: No irrigation

Energy Australia Tallawarra EPL Data



Discharge and Monitoring Point 5: Discharge water 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
Temperature	Degrees Celsius	Continuous	Continuous	NA	13.7	17.5	22.7	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	
Temperature	Degrees Celsius	Continuous	Continuous	NA	13.3	17.7	22.9	NA*	

Comments: n/a

17 June 2025

Monitoring Point 7: Ambient water monitoring

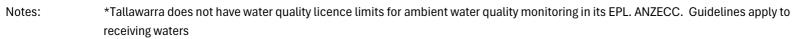
Pollutant	Unit of Measure	I .	No. of samples collected	Date samples collected	Lowest sample value	Mean of sample	Highest sample value	Licence Limit
Temperature	Degrees Celsius	Continuous	Continuous	NA	14.6	17.9	20.3	NA*

Comments: n/a



Monitoring Point 8: Discharge water monitoring

		No. of			Lowest		Highest		
	Unit of	Samples	No. of samples	Date samples	sample	Mean of	sample	Licence	
Pollutant	Measure	required	collected	collected	value	sample	value	Limit	Energy Australia
		Monthly							LIGHT THE WAY
	micrograms	during	0	-	-	-	-	NA*	LIGHT THE WAT
Copper	per litre	discharge							
		Monthly							17 June 2025
	milligrams per	during	0	-	-	-	-	NA*	
Nitrogen (total)	litre	discharge							
		Monthly							
		during	0	-	-	-	-	NA*	
рН	pН	discharge							
		Monthly							
Total Phosporous	milligrams per	during	0	-	-	-	-	NA*	
- filtered sample	litre	discharge							
		Monthly							
Total suspended	milligrams per	during	0	-	-	-	-	NA*	
solids	litre	discharge							
		Monthly							
	micrograms	during	0	-	-	-	-	NA*	
Zinc	per litre	discharge							



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	8.9	10.0	NA
Nitrogen oxides	parts per million	Continuous	2.3	5.7	9.7	25
Oxygen (O2)	Percent	Continuous	12.1	12.8	13.8	NA
Temperature	Degrees Celsius	Continuous	77.5	85.4	105.5	NA
Volumetric flow rate	cubic metres per second	Continuous	232.9	328.3	403.9	NA

Discharge and Monitoring Point 9: Air emissions monitoring



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	10.0	10.0	10.0	NA
Nitrogen oxides	parts per million	Continuous	10.5	12.2	16.4	25
Oxygen (O2)	Percent	Continuous	13.2	13.5	13.7	NA
Temperature	Degrees Celsius	Continuous	629.5	643.9	655.4	NA
Velocity	Meters per second	Continuous	37.2	44.9	59.9	NA
Volumetric flow rate	cubic metres per second	Continuous	327.2	400.4	543.4	NA

Notes: Moisture content substituted for conservative value of 10%



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	0	0	100

Notes: ** Continuous data recorded via inline flow meter

Comments: No discharge