# **B** Monitoring and Complaints Summary

Period: 1/12/2024 to 1/01/2025

# B1 Number of Pollution Complaints 0

**Energy**Australia

Pollution CategoryNumber of ComplaintsAir0Water0Noise0Waste0Other0

EPL Number:555Licensee's name:ENERGYAUSTRALIA TALLAWARRALicensee's address:Tallawarra Power Station, Princes Highway, YALLAH,Link to EPL:5&id=555&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued

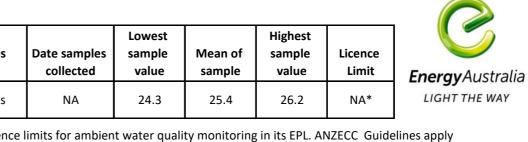
# B2 Concentration Monitoring Summary

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	0	-	-	-	-	20
Total suspended solids	milligrams per litre	Special Frequency 1	0	-	-	-	-	30

Comments: No irrigation





#### Monitoring Point 4: Ambient water monitoring

to receiving waters

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	Ener
Temperature	Degrees Celsius	Continuous	Continuous	NA	24.3	25.4	26.2	NA*	LIGI
Notes:	*Tallawarra do	es not have w	ater quality licence	limits for ambier	it water quali	ty monitoring	g in its EPL. AN	NZECC Guide	elines appl

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

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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	23.0	25.6	28.9	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	EnorgyAustralia
Temperature	Degrees Celsius	Continuous	Continuous	NA	21.5	25.4	29.1	NA*	<b>Energy</b> Australia

Comments: n/a 9 January 2025

# 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	22.7	25.3	28.8	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*	9 January 2025
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: 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	0.0	0.0	0.0	NA
Nitrogen oxides	parts per million	Continuous	0.0	0.0	0.0	25
Oxygen (O2)	Percent	Continuous	0.0	0.0	0.0	NA
Temperature	Degrees Celsius	Continuous	0.0	0.0	0.0	NA
Volumetric flow rate	cubic metres per second	Continuous	0.0	0.0	0.0	NA

Discharge and Monitoring Point 9: Air emissions monitoring



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Notes: Unit 1 offline - no running in December

### 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	10.1	12.8	17.7	25
Oxygen (O2)	Percent	Continuous	13.1	13.3	13.8	NA
Temperature	Degrees Celsius	Continuous	626.5	643.6	654.4	NA
Velocity	Meters per second	Continuous	36.8	50.8	59.1	NA
Volumetric flow rate	cubic metres per second	Continuous	327.3	453.8	533.6	NA

Notes: Moistu

Moisture content subtituted for conservative value of 10%

Temperature data partially substituted with alternative temperature probe data due to probe failure.



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# 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	Licence Limit
Sewage	Kilolitres per day	Continuous	**	NA	0	0	0	100

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

Comments: No discharge