# **B** Monitoring and Complaints Summary

Period: 1/12/2023 to 1/01/2024

# B1 Number of Pollution Complaints 0

Pollution CategoryNumber of ComplaintsAir0Water0Noise0Waste0Other0

EPL Number:555Licensee's name:ENERGYAUSTRALIA TALLAWARRALicensee's address:Tallawarra Power Station, Princes Highway, YALLAH,<br/>NSW 2530Link to EPL:http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=55<br/>5&id=555&option=licence&searchrange=licence&range=POEO<br/>%20licence&prp=no&status=lssued

# B2 Concentration Monitoring Summary

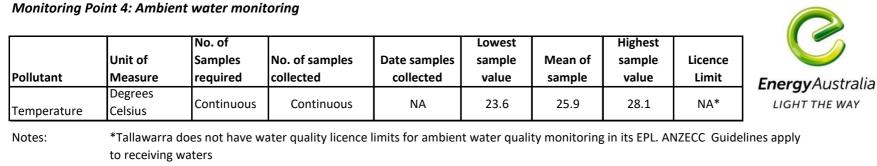
#### Monitoring Point 2: Effluent quality monitoring

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 smpling completed this month.



13 February 2024



Comments: Periods where the plant is offline or Thermoshock is active have been removed from this data set. 13 February 2024

### 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	19.5	24.6	29.4	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 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	21.4	25.3	29.7	NA*

Comments: n/a

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# Monitoring Point 7: Ambient water 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	22.8	25.6	28.4	NA*

Comments: n/a

# Monitoring Point 8: Discharge water 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
	micrograms	Monthly during	0	-	-	-	-	NA*
Copper	per litre	discharge						
Nitrogen (total)	milligrams per litre	Monthly during discharge	0	-	-	-	-	NA*
рH	рН	Monthly during discharge	0	-	-	-	-	NA*
Total Phosporous - filtered sample	milligrams per litre	Monthly	0	-	-	-	-	NA*
Total suspended solids	milligrams per litre	Monthly during discharge	0	-	-	-	-	NA*
Zinc	micrograms per litre	Monthly during discharge	0	-	-	-	-	NA*

**Energy**Australia

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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	7.0	8.0	8.9	NA
Nitrogen oxides	parts per million	Continuous	5.9	9.1	17.2	25
Oxygen (O2)	Percent	Continuous	13.0	13.4	14.0	NA
Temperature	Degrees Celsius	Continuous	80.7	89.9	98.2	NA
Volumetric flow rate	cubic metres per second	Continuous	248.3	341.6	420.7	NA

Discharge and Monitoring Point 9: Air emissions monitoring



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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	N/A	N/A	N/A	NA
Nitrogen oxides	parts per million	Continuous	N/A	N/A	N/A	25
Oxygen (O2)	Percent	Continuous	N/A	N/A	N/A	NA
Temperature	Degrees Celsius	Continuous	N/A	N/A	N/A	NA
Velocity	Meters per second	Continuous	N/A	N/A	N/A	NA
Volumetric flow rate	cubic metres per second	Continuous	N/A	N/A	N/A	NA
Notes:	Plant not in op	eration				

Comments: N/A

Not Applicable



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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	0	0	100

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

Comments: No discharge