# **B** Monitoring and Complaints Summary

Period: 1/01/2023 to 1/02/2023

## B1 Number of Pollution Complaints 0

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

 option=licence&searchrange=licence&range=POEO%20licence&prp=no&st

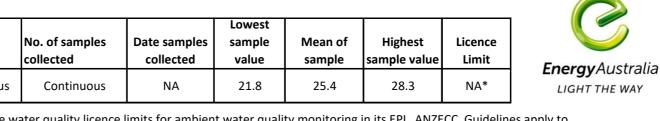
 atus=Issued

#### 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 discharge



# Monitoring Point 4: Ambient water monitoring

No. of

	Unit of	Samples	No. of samples	Date samples	sample	Mean of	Highest	Licence	
Pollutant	Measure	required	collected	collected	value	sample	sample value	Limit	
Temperature	Degrees Celsius	Continuous	Continuous	NA	21.8	25.4	28.3	NA*	
Notes:	*Tallawarra do	es not have w	ater quality licence	limits for ambien	t water quali	ty monitoring	in its EPL. ANZE	CC Guidelin	es app

ply to receiving waters

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 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	17.8	24.0	30.1	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	1 ·	No. of samples collected	Date samples collected	Lowest sample value	Mean of sample	Highest sample value	Licence Limit
Temperature	Degrees Celsius	Continuous	Continuous	NA	19.7	24.9	30.4	NA*

Comments: n/a

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# Monitoring Point 7: Ambient water monitoring

		No. of			Lowest			
	Unit of	Samples	No. of samples	Date samples	sample	Mean of	Highest	Licence
Pollutant	Measure	required	collected	collected	value	sample	sample value	Limit
	Degrees	Cantinuan	Cantinuan		24.0	25.0	20.4	
Temperature	Celsius	Continuous	Continuous	NA	21.9	25.0	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	
		Monthly							
	micrograms	during	0	-	-	-	-	NA*	
Copper	per litre	discharge							
		Monthly							22
Nitrogen	milligrams per	during	0	-	-	-	-	NA*	
(total)	litre	discharge							
		Monthly							
		during	0	-	-	-	-	NA*	
рН	рН	discharge							
Total									
Phosporous -		Monthly	0					NA*	
filtered	milligrams per	during	0	-	-	-	-	NA <sup>+</sup>	
sample	litre	discharge							
Total		Monthly							
suspended	milligrams per	during	0	-	-	-	-	NA*	
solids	litre	discharge							
		Monthly							
	micrograms	during	0	-	-	-	-	NA*	
Zinc	per litre	discharge							



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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 this month.

# Discharge and Monitoring Point 9: Air emissions 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
Carbon dioxide	%	Continuous	**	NA	3.6	4.0	4.3	NA
Moisture content	Percent	Continuous	**	NA	7.2	8.0	8.7	NA
Nitrogen oxides	parts per million	Continuous	**	NA	5.1	8.2	11.3	25
Oxygen (O2)	Percent	Continuous	**	NA	12.7	13.2	13.9	NA
Solid particles	milligrams per cubic metre	Yearly	1	6/12/2022	-	<0.6	-	10
Sulphur dioxide	parts per million	Yearly	1	6/12/2022	-	1.9	-	3
Temperature	Degrees Celsius	Continuous	**	NA	77.3	87.3	94.7	NA
Volatile organic compounds	parts per million	Yearly	1	6/12/2022	-	<1	-	NA
Volumetric flow rate	cubic metres per second	Continuous	**	NA	236.3	338.0	421.8	NA



Notes: \* equipment detection limit

Comments: n/a



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## **B3** Volume or Mass Monitoring Summary

Monitoring Point 3: Sewage volume monitoring

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

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

Comments: No discharge