# **B** Monitoring and Complaints Summary

Period: 1/01/2020 to 1/02/2020

### B1 Number of Pollution Complaints 0



12 February 2020

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

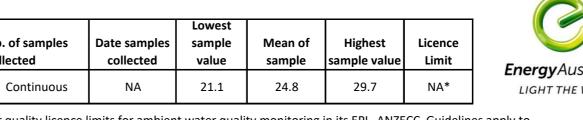
 atus=Issued

#### 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 effluent irrigated this month.





#### Monitoring Point 4: 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	21.1	24.8	29.7	NA*
Notes:	*Tallawarra d	loes not have w	ater quality licence	limits for ambien	t water quali	ty monitoring	in its EPL. ANZE	CC Guidelin

pply 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	21.0	26.0	31.8	35

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

Monitoring Point 6: Ambient water monitoring

	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	21.1	25.8	31.9	NA*

Comments: n/a

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# Monitoring Point 7: Ambient water monitoring

		No. of Samples	No. of samples	Date samples	Lowest sample	Mean of	Highest	Licence
Pollutant	Measure		collected	collected	value		sample value	Limit
	Degrees	Continuous	Continuous	NIA	21.1	24.6	20.4	NI A *
Temperature	Celsius	Continuous	Continuous	NA	21.1	24.6	29.4	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
Copper	micrograms per litre	Monthly during discharge	0	-	-	-	-	NA*
Nitrogen (total)	milligrams per litre	Monthly during discharge	0	-	-	-	-	NA*
рН	рН	Monthly during discharge	0	-	-	-	-	NA*
Total Phosporous - filtered sample	milligrams per litre	discharge	0	-	-	-	-	NA*
Total suspended solids	milligrams per litre	discharge	0	-	-	-	-	NA*
Zinc	micrograms per litre	Monthly during discharge	0	-	-	-	-	NA*



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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	3.9	4.4	4.9	NA
Moisture content	Percent	Continuous	**	NA	7.7	10.6	11.2	NA
Nitric oxide	parts per million	Continuous	**	NA	0.0	5.3	11.8	NA
Nitrogen dioxide	parts per million	Continuous	**	NA	0.0	2.1	4.0	NA
Nitrogen oxides	parts per million	Continuous	**	NA	2.6	5.7	10.6	25
Oxygen (O2)	Percent	Continuous	**	NA	11.9	12.7	13.8	NA
Solid particles	milligrams per cubic metre	Yearly	1	24/06/2019	-	<0.6	-	10
Sulphur dioxide	parts per million	Yearly	1	24/06/2019	-	<1	-	3
Temperature	Degrees Celsius	Continuous	**	NA	75.9	85.8	94.6	NA
Volatile organic compounds	parts per million	Yearly	1	24/06/2019	-	0.32	-	NA
Volumetric flow rate	cubic metres per second	Continuous	**	NA	246.3	341.2	429.0	NA



Notes: \* equipment detection limit

Comments: Some negative NO and NO2 values were recorded during the month. These values have been recorded as zeroes.



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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
Sewage	Kilolitres per day	Continuous	**	NA	0	0	0	100

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

Comments: No discharge this month.