# **B** Monitoring and Complaints Summary

Period: 1/01/2019 to 1/02/2019

# B1 Number of Pollution Complaints 0

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<b>Energy</b> Australia

18 February 2019

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

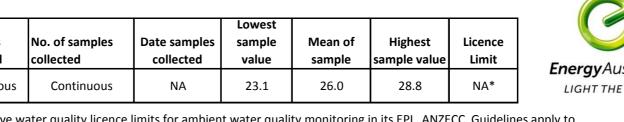
 atus=Issued

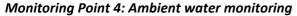
### B2 Concentration Monitoring Summary

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.





		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		22.4	26.0	20.0	
Temperature	Celsius	Continuous	Continuous	NA	23.1	26.0	28.8	NA*



\*Tallawarra does not have water quality licence limits for ambient water quality monitoring in its EPL. ANZECC Guidelines apply to Notes: receiving waters

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

18 February 2019

#### 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	23.6	27.5	31.5	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	23.9	28.0	32.4	NA*

Comments: n/a

18 February 2019

# 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		22.5	27.2	20.0	
Temperature	Celsius	Continuous	Continuous	NA	23.5	27.3	30.8	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	discharge	0	-	-	-	-	NA*	18
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*	



18 February 2019

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	4.0	4.6	4.8	NA
Moisture content	Percent	Continuous	**	NA	9.6	10.6	10.9	NA
Nitric oxide	parts per million	Continuous	**	NA	11.8	20.1	26.0	NA
Nitrogen dioxide	parts per million	Continuous	**	NA	3.0	3.6	6.9	NA
Nitrogen oxides	parts per million	Continuous	**	NA	14.2	17.5	24.2	25
Oxygen (O2)	Percent	Continuous	**	NA	12.5	12.8	13.9	NA
Solid particles	milligrams per cubic metre	Yearly	1	6/03/2018	-	<0.7	-	10
Sulphur dioxide	parts per million	Yearly	1	6/03/2018	-	<1	-	3
Temperature	Degrees Celsius	Continuous	**	NA	79.8	91.4	97.6	NA
Volatile organic compounds	parts per million	Yearly	1	6/03/2018	-	<1	-	NA
Volumetric flow rate	cubic metres per second	Continuous	**	NA	267.8	390.2	445.9	NA



Notes: \* equipment detection limit

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



## 18 February 2019

## **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 this month.