# **B** Monitoring and Complaints Summary

Period: 1/08/2021 to 1/09/2021

### B1 Number of Pollution Complaints 0

	<b>Energy</b> Australia
	LIGHT THE WAY
	7 September 2021
5	

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

 ption=licence&searchrange=licence&range=POEO%20licence&prp=no&sta
 <a href="http://www.epa.nsw.gov.au/protocolicence&range=POEO%20licence&prp=no&sta">http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=555&id=555&oo</a>

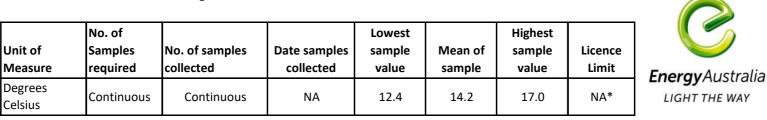
### B2 Concentration Monitoring Summary

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	1	28/06/2021	5	5	5	20
Total suspended solids	milligrams per litre	Special Frequency 1	1	28/06/2021	25	25	25	30

Comments:

### Energy Australia Tallawarra EPL Data



#### Monitoring Point 4: Ambient water monitoring

Pollutant

Temperature

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

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

7 September 2021

### 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	11.9	15.3	19.9	35

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

Monitoring Point 6: Ambient water monitoring

Pollutant	Unit of 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	10.5	14.0	17.8	NA*	

Comments: n/a

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	11.8	14.3	17.3	NA*

Comments: n/a



7 September 2021

### 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*	LIGHT THE WAY
Nitrogen (total)	milligrams per litre	Monthly during discharge	0	-	-	-	-	NA*	7 September 2021
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 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	3.7	4.2	4.4	NA
Moisture content	Percent	Continuous	**	NA	7.3	8.3	8.8	NA
Nitrogen oxides	parts per million	Continuous	**	NA	4.0	11.4	18.5	25
Oxygen (O2)	Percent	Continuous	**	NA	13.0	13.2	14.1	NA
Solid particles	milligrams per cubic metre	Yearly	1	24/07/2020	-	<0.4	-	10
Sulphur dioxide	parts per million	Yearly	1	24/07/2020	-	<2	-	3
Temperature	Degrees Celsius	Continuous	**	NA	71.7	85.1	93.3	NA
Volatile organic compounds	parts per million	Yearly	1	24/07/2020	-	<100	-	NA
Volumetric flow rate	cubic metres per second	Continuous	**	NA	246.5	374.5	435.4	NA



7 September 2021

Notes: \* equipment detection limit

Comments: n/a



## B3 Volume or Mass Monitoring Summary

Monitoring Point 3: Sewage volume monitoring

Pollutant			No. of samples collected	Date Samples collected	Lowest result	Mean result	Highest result	Licence Limit
Sewage	Kilolitres per day	Continuous	**	NA	0	4	20	100

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

Comments:

7 September 2021