# **B** Monitoring and Complaints Summary

Period: 1/08/2020 to 1/09/2020

B1 Number of Pollution Complaints 0

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:
 http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=555&id=555&o

 ption=licence&searchrange=licence&range=POEO%20licence&prp=no&stat

 us=lssued

#### B2 Concentration Monitoring Summary

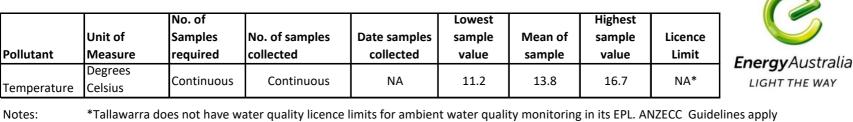
Monitoring Point 2: Effluent quality monitoring

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	1	4/08/2020	3	3	3	20
Total suspended solids	milligrams per litre	Special Frequency 1	1	4/08/2020	<5	<5	<5	30

Comments:



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#### Monitoring Point 4: Ambient water monitoring

Notes: 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

	Unit of	No. of Samples	No. of samples	Date samples	Lowest sample	Mean of	Highest sample	Licence
Pollutant	Measure	required	collected	collected	value	sample	value	Limit
Temperature	Degrees Celsius	Continuous	Continuous	NA	11.8	15.3	22.2	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	No. of Samples required	No. of samples collected	Date samples collected	Lowest sample value	Mean of sample	Highest sample value	Licence Limit	<b>Energy</b> Australia
Temperature	Degrees Celsius	Continuous	Continuous	NA	10.7	14.2	17.8	NA*	LIGHT THE WAY

Comments: n/a

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# 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	11.1	14.0	16.8	NA*

Comments: n/a

## Monitoring Point 8: Discharge water monitoring

		No. of			Lowest		Highest		
	Unit of	Samples	No. of samples	Date samples	sample	Mean of	sample	Licence	
Pollutant	Measure	required	collected	collected	value	sample	value	Limit	1.000
		Monthly							En
	micrograms	during	1	11/08/2020	0.007	0.007	0.007	NA*	
Copper	per litre	discharge							
		Monthly							17 5
Nitrogen	milligrams per	during	1	11/08/2020	4.0	4.0	4.0	NA*	
(total)	litre	discharge							
		Monthly							
		during	1	11/08/2020	6.6	6.6	6.6	NA*	
рН	рН	discharge							
Total									
Phosporous -		Monthly	1	11/00/2020	0.20	0.20	0.20	NA*	
filtered	milligrams per	during	1	11/08/2020	0.38	0.38	0.38	NA*	
sample	litre	discharge							
Total		Monthly							
suspended	milligrams per	during	1	11/08/2020	13.0	13.0	13.0	NA*	
solids	litre	discharge							
		Monthly							
	micrograms	during	1	11/08/2020	0.008	0.008	0.008	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:

Discharge and Monitoring Point 9: Air emissions monitor	ing
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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	4.4	4.7	NA
Moisture content	Percent	Continuous	**	NA	7.4	8.7	9.3	NA
Nitrogen oxides	parts per million	Continuous	**	NA	4.6	9.3	15.6	25
Oxygen (O2)	Percent	Continuous	**	NA	12.9	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	66.7	83.2	90.6	NA
Volatile organic compounds	parts per million	Yearly	1	24/07/2020	-	<100	-	NA
Volumetric flow rate	cubic metres per second	Continuous	**	NA	224.8	382.3	466.2	NA



Notes: \* equipment detection limit

Comments: n/a



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# **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	6	23	100

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

Comments: