# **B** Monitoring and Complaints Summary

Period: 1/06/2020 to 1/07/2020

## B1 Number of Pollution Complaints 0

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	Number of Complaints	]
	0	EPL Numb
	0	Licensee's nam
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	0	Link to El
	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&opt ion=licence&searchrange=licence&range=POEO%20licence&prp=no&status=l ssued

## B2 Concentration Monitoring Summary

Pollution Category

Air

Water

Noise

Waste

Other

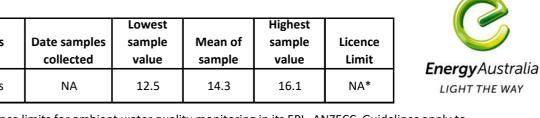
Monitoring Point 2: Effluent quality monitoring

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	29/05/2020	2	2	2	20
Total suspended solids	milligrams per litre	Special Frequency 1	1	29/05/2020	10	10	10	30

Comments:



21 August 2020



#### Monitoring Point 4: Ambient 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
	Degrees	Cantinuan	Cantinuan	<b>N</b> 10	42.5	44.2	16.1	
Temperature	Celsius	Continuous	Continuous	NA	12.5	14.3	16.1	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:

21 August 2020

### Discharge and Monitoring Point 5: Discharge water quality monitoring

Pollutant			No. of samples collected	Date samples collected	Lowest sample value	Mean of sample	Highest sample value	Licence Limit
Temperature	Degrees Celsius	Continuous	Continuous	NA	12.4	16.7	23.3	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
Temperature	Degrees Celsius	Continuous	Continuous	NA	11.4	14.3	17.9	NA*

Comments: n/a

Monitoring Point 7: Ambient 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
	Degrees	Continuous	Continuous	NIA	12.2	14.4	17.1	N1 A *
Temperature	Celsius	Continuous	Continuous	NA	12.3	14.4	17.1	NA*

Comments: n/a



21 August 2020

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						
Nitrogen	milligrams per	during	0	-	-	-	-	NA*
(total)	litre	discharge						
		Monthly						
		during	0	-	-	-	-	NA*
рН	рН	discharge						
Total								
Phosporous -		Monthly						
filtered	milligrams per	during	0	-	-	-	-	NA*
sample	litre	discharge						
Total		Monthly						
suspended	milligrams per	during	0	-	-	-	-	NA*
solids	litre	discharge						
		Monthly						
	micrograms	during	0	-	-	-	-	NA*
Zinc	per litre	discharge						



21 August 2020

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.

**Energy**Australia

21 August 2020

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	3.8	4.4	4.9	NA
Moisture content	Percent	Continuous	**	NA	7.6	8.8	9.8	NA
Nitrogen oxides	parts per million	Continuous	**	NA	4.0	7.7	12.4	25
Oxygen (O2)	Percent	Continuous	**	NA	12.4	13.3	14.4	NA
Solid particles	milligrams per cubic metre	Yearly	1	9/06/2020	-	2.2	-	10
Sulphur dioxide	parts per million	Yearly	1	9/06/2020	-	<2	-	3
Temperature	Degrees Celsius	Continuous	**	NA	71.8	82.5	90.6	NA
Volatile organic compounds	parts per million	Yearly	1	9/06/2020	-	<1	-	NA
Volumetric flow rate	cubic metres per second	Continuous	**	NA	256.1	370.7	462.7	NA

## Discharge and Monitoring Point 9: Air emissions monitoring

Notes: \* equipment detection limit

Comments:

## B3 Volume or Mass Monitoring Summary

Monitoring Point 3: Sewage volume monitoring

		No. of						
	Unit of	•	No. of samples	Date Samples		Mean	Highest	Licence
Pollutant	Measure	required	collected	collected	result	result	result	Limit
	Kilolitres per		**		0		20	4.00
Sewage	day	Continuous	Υ Υ 	NA	0	4	30	100

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

Comments:



21 August 2020