# **B** Monitoring and Complaints Summary

Period: 1/04/2020 to 1/05/2020

## B1 Number of Pollution Complaints 0

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<b>Energy</b> Australia
LIGHT THE WAY
12 May 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:
 http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=555&id=555&op tion=licence&searchrange=licence&range=POEO%20licence&prp=no&status

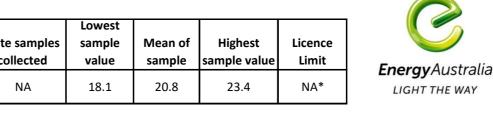
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## B2 Concentration Monitoring Summary

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	19/02/2020	6	6	6	20
Total suspended solids	milligrams per litre	Special Frequency 1	1	19/02/2020	12	12	12	30

Comments:



#### Monitoring Point 4: Ambient water monitoring

	Unit of		No. of samples	Date samples	Lowest sample	Mean of	Highest	Licence
Pollutant	Measure	required	collected	collected	value	sample	sample value	Limit
	Degrees	Continuous	Cantinuan		10.4	20.0	22.4	NI A ¥
Temperature	Celsius	Continuous	Continuous	NA	18.1	20.8	23.4	NA*

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

		No. of			Lowest			
Pollutant	Unit of Measure		No. of samples collected	Date samples collected	sample value	Mean of sample	Highest sample value	Licence Limit
Follutalit	weasure	requireu	conecteu	conecteu	value	sample	sample value	LIIIIL
	Degrees							
Temperature	Celsius	Continuous	Continuous	NA	17.0	21.8	27.7	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	16.2	20.2	25.4	NA*

Comments: n/a

Monitoring Point 7: Ambient water monitoring

		No. of			Lowest			
Pollutant	Unit of Measure	Samples required	No. of samples collected	Date samples collected	sample value	Mean of sample	Highest sample value	Licence Limit
Temperature	Degrees Celsius	Continuous	Continuous	NA	16.9	19.7	23.0	NA*

Comments: n/a



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Monitoring Point 8: Discharge water monitoring

	Unit of	No. of Samples	No. of samples	Date samples	Lowest sample	Mean of	Highest	Licence
Pollutant	Measure	required	collected	collected	value	sample	sample value	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						



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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	3.0	4.4	4.9	NA
Moisture content	Percent	Continuous	**	NA	5.9	8.8	9.9	NA
Nitrogen oxides	parts per million	Continuous	**	NA	2.8	8.7	12.4	25
Oxygen (O2)	Percent	Continuous	**	NA	11.5	12.7	14.1	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	74.8	86.8	91.8	NA
Volatile organic compounds	parts per million	Yearly	1	24/06/2019	-	0.32	-	NA
Volumetric flow rate	cubic metres per second	Continuous	**	NA	203.9	355.8	441.8	NA



Notes: \* equipment detection limit

Comments:



# **B3** Volume or Mass Monitoring Summary

Monitoring Point 3: Sewage volume monitoring

Pollutant	Unit of Measure	· ·	No. of samples collected	Date Samples collected	Lowest result	Mean result	Highest result	Licence Limit
Sewage	Kilolitres per day	Continuous	**	NA	0	4	14	100

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

Comments:

April 2020