B Monitoring and Complaints Summary

Period: 1/03/2017 to 1/04/2017

B1 Number of Pollution Complaints 0

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Energy Australia

20 April 2017

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

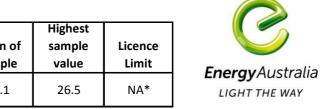
 Link to EPL:
 http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=555&id=555&oooption=licence&searchrange=licence&range=POEO%20licence&prp=no&status=lssued

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	17/03/2017	<2	<2	<2	20
Total suspended solids	milligrams per litre	Special Frequency 1	1	17/03/2017	20	20	20	30

Comments: n/a



Monitoring Point 4: 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	19.2	23.1	26.5	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: Periods where the plant is offline or Thermoshock is active have been removed from this data set. 4 July 2017

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	18.1	25.5	31.6	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 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	20.2	23.5	29.4	NA*

Comments: n/a

Monitoring Point 7: Ambient water monitoring

		No. of			Lowest		Highest	
Pollutant	Unit of Measure		No. of samples collected	Date samples collected	sample value	Mean of sample	sample value	Licence Limit
Temperature	Degrees Celsius	Continuous	Continuous	NA	19.9	23.3	26.1	NA*

Comments: n/a



4 July 2017

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
		Monthly						
	micrograms	during	1	17/03/2017	2	2	2	NA*
Copper	per litre	discharge						
		Monthly						
Nitrogen	milligrams per	during	1	17/03/2017	1	1	1	NA*
(total)	litre	discharge						
		Monthly						
		during	1	17/03/2017	7.4	7.4	7.4	NA*
рН	рН	discharge						
Total								
Phosporous -		Monthly						
filtered	milligrams per	during	1	17/03/2017	0.08	0.08	0.08	NA*
sample	litre	discharge						
Total		Monthly						
suspended	milligrams per	during	1	17/03/2017	9	9	9	NA*
solids	litre	discharge		,,			_	
		Monthly						
	micrograms	during	1	17/03/2017	<5	<5	<5	NA*
Zinc	per litre	discharge						



4 July 2017

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

Comments: n/a

Discharge and Monitoring Point 9: Air emissions monitorin	ıg
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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	3.8	4.3	4.9	NA
Moisture content	Percent	Continuous	**	NA	9.6	10.4	11.2	NA
Nitric oxide	parts per million	Continuous	**	NA	0.0	5.7	20.2	NA
Nitrogen dioxide	parts per million	Continuous	**	NA	0.3	1.6	3.5	NA
Nitrogen oxides	parts per million	Continuous	**	NA	0.4	7.3	21.1	25
Oxygen (O2)	Percent	Continuous	**	NA	12.1	13.0	13.9	NA
Solid particles	milligrams per cubic metre	Yearly	1	13/12/2016	<1	<1	<1	10
Sulphur dioxide	parts per million	Yearly	1	13/12/2016	<2	<2	<2	3
Temperature	Degrees Celsius	Continuous	**	NA	79.5	91.9	109.0	NA
Volatile organic compounds	parts per million	Yearly	1	13/12/2016	0.17	0.17	0.17	NA
Volumetric flow rate	cubic metres per second	Continuous	**	NA	240.0	350.9	433.2	NA



Notes: * equipment detection limit

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

Monitoring Point 10: Ambient air 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
Nitric oxide	parts per hundred million	Continuous	**	NA	-0.1	0.0	1.2	NA
Nitrogen dioxide	parts per hundred million	Continuous	**	NA	0.0	0.2	1.8	NA
Nitrogen oxides	parts per hundred million	Continuous	**	NA	0.0	0.3	2.9	NA
Ozone	parts per hundred million	Continuous	**	NA	0.0	1.7	5.1	NA



4 July 2017

Comments:

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	4	25	100

Notes: ** Continuous data recorded via inline flow meter

Comments: