B Monitoring and Complaints Summary

Period: 1/07/2019 to 1/08/2019

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&oooption=licence&searchrange=licence&range=POEO%20licence&prp=no&status=lissued

B2 Concentration Monitoring Summary

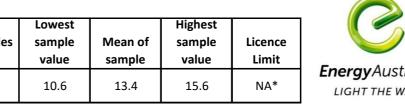
Monitoring Point 2: Effluent quality monitoring

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	0	-	-	-	-	20
Total suspended solids	milligrams per litre	Special Frequency 1	0	-	-	-	-	30

Comments: No effluent irrigated this month.



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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	10.6	13.4	15.6	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

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	10.6	16.0	22.9	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	9.9	13.6	17.3	NA*

Comments: n/a

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EnergyAustralia

Monitoring Point 7: Ambient water monitoring

Pollutant	Unit of	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	10.7	13.4	15.9	NA*

Comments: n/a

Monitoring Point 8: Discharge water monitoring

		No. of			Lowest		Highest		1
	Unit of	Samples	No. of samples	Date samples	sample	Mean of	sample	Licence	
Pollutant	Measure	required	collected	collected	value	sample	value	Limit	
		Monthly							1
	micrograms	during	0	-	-	-	-	NA*	
Copper	per litre	discharge							
		Monthly							1
Nitrogen	milligrams per	during	0	-	-	-	-	NA*	
(total) litre	litre	discharge							
		Monthly							1
		during	0	-	-	-	-	NA*	
рН	рН	discharge							
Total									1
Phosporous -		Monthly						 *	
filtered	milligrams per	during	0	-	-	-	-	NA*	
sample	litre	discharge							
Total		Monthly							1
suspended	milligrams per	during	0	-	-	-	-	NA*	
solids lit	litre	discharge							
		Monthly							1
	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 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	3.8	4.3	4.8	NA
Moisture content	Percent	Continuous	**	NA	9.8	10.5	11.0	NA
Nitric oxide	parts per million	Continuous	**	NA	0.0	5.7	12.4	NA
Nitrogen dioxide	parts per million	Continuous	**	NA	0.0	2.4	4.6	NA
Nitrogen oxides	parts per million	Continuous	**	NA	1.5	6.2	11.4	25
Oxygen (O2)	Percent	Continuous	**	NA	12.1	12.8	13.7	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	67.9	79.4	90.2	NA
Volatile organic compounds	parts per million	Yearly	1	24/06/2019	-	0.32	-	NA
Volumetric flow rate	cubic metres per second	Continuous	**	NA	225.6	347.1	453.3	NA



Notes: * equipment detection limit

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

B3 Volume or Mass Monitoring Summary

Monitoring Point 3: Sewage volume monitoring



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

Notes: ** Continuous data recorded via inline flow meter

Comments: No effluent irrigated this month.