B Monitoring and Complaints Summary

Period: 1/11/2019 to 1/12/2019

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

B2 Concentration Monitoring Summary

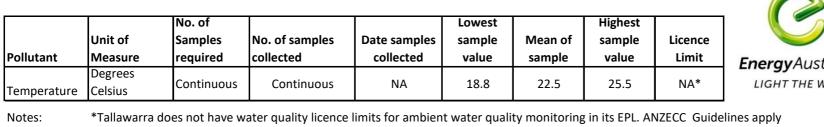
Monitoring Point 2: Effluent quality monitoring

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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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

Monitoring Point 4: 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	20.2	24.7	29.6	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	F
Temperature	Degrees Celsius	Continuous	Continuous	NA	19.4	22.7	28.1	NA*	

Comments: n/a

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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	10.0	22.2	25.4	NA*
Temperature	Celsius	Continuous	Continuous	NA	18.9	22.2	25.1	NA*

Comments: n/a



Monitoring Point 8: Discharge water monitoring

<i>Monitoring</i>	Point 8: Discha 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	EnergyAustralia
Copper	micrograms per litre	Monthly during discharge	0	-	-	-	-	NA*	LIGHT THE WAY
Nitrogen (total)	milligrams per litre	Monthly during discharge	0	-	-	-	-	NA*	13 December 2019
рН	рН	Monthly during discharge	0	-	-	-	-	NA*	
Total Phosporous - filtered sample	milligrams per litre	Monthly during discharge	0	-	-	-	-	NA*	
Total suspended solids	milligrams per litre	Monthly during discharge	0	-	-	-	-	NA*	
Zinc	micrograms per litre	Monthly during discharge	0	-	-	-	-	NA*	

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

No discharge this month. Comments:

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	3.7	4.3	4.8	NA
Moisture content	Percent	Continuous	**	NA	10.1	10.7	11.4	NA
Nitric oxide	parts per million	Continuous	**	NA	0.0	5.7	12.2	NA
Nitrogen dioxide	parts per million	Continuous	**	NA	0.0	1.5	4.3	NA
Nitrogen oxides	parts per million	Continuous	**	NA	1.6	5.7	11.2	25
Oxygen (O2)	Percent	Continuous	**	NA	11.7	12.5	13.3	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	73.3	84.4	93.6	NA
Volatile organic compounds	parts per million	Yearly	1	24/06/2019	-	0.32	-	NA
Volumetric flow rate	cubic metres per second	Continuous	**	NA	251.4	377.7	463.2	NA



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Notes: * equipment detection limit

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



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B3 Volume or Mass Monitoring Summary

Monitoring Point 3: Sewage volume monitoring

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

Notes: ** Continuous data recorded via inline flow meter

Comments: No effluent irrigated this month.