B Monitoring and Complaints Summary

Period: 1/06/2018 to 1/07/2018

B1 Number of Pollution Complaints 0

S
Energy Australia
LIGHT THE WAY

27 July 2018

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&oo

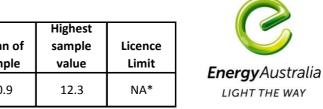
 ption=licence&searchrange=licence&range=POEO%20licence&prp=no&stat
 us=lssued

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

Comments: No effluent irrigated this month.



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	8.8	10.9	12.3	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. 27 July 2018

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	10.4	13.9	20.0	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	10.4	13.0	15.9	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	11.2	12.2	14.0	N1 A *
Temperature	Celsius	Continuous	Continuous	NA	11.2	13.3	14.8	NA*

Comments: n/a



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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
_	micrograms	Monthly during	0	-	-	-	-	NA*
Copper Nitrogen (total)	per litre milligrams per litre	discharge Monthly during discharge	0	-	_	-	-	NA*
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	discharge	0	-	-	-	-	NA*
Zinc	micrograms per litre	Monthly during discharge	0	-	-	-	-	NA*



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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.

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	3.9	4.3	4.5	NA
Moisture content	Percent	Continuous	**	NA	9.5	10.3	10.6	NA
Nitric oxide	parts per million	Continuous	**	NA	5.3	9.4	17.2	NA
Nitrogen dioxide	parts per million	Continuous	**	NA	0.1	1.3	2.6	NA
Nitrogen oxides	parts per million	Continuous	**	NA	5.7	10.8	19.5	25
Oxygen (O2)	Percent	Continuous	**	NA	12.8	13.2	14.0	NA
Solid particles	milligrams per cubic metre	Yearly	1	6/03/2018	-	<0.7	-	10
Sulphur dioxide	parts per million	Yearly	1	6/03/2018	-	<1	-	3
Temperature	Degrees Celsius	Continuous	**	NA	67.8	81.9	99.5	NA
Volatile organic compounds	parts per million	Yearly	1	6/03/2018	-	<1	-	NA
Volumetric flow rate	cubic metres per second	Continuous	**	NA	243.5	375.5	443.2	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

Notes: Monitoring point removed from EPA Licence

B3 **Volume or Mass Monitoring Summary**

Monitoring Point 3: Sewage volume monitoring



27 July 2018

Polluta	Unit of Ant Measure	No. of Samples required	No. of samples collected	Date Samples collected	Lowest result	Mean result	Highest result	Licence Limit
Sewa	Kilolitres per ge day	Continuous	**	NA	0	0	0	100

** Continuous data recorded via inline flow meter Notes:

Comments: No discharge this month.