B Monitoring and Complaints Summary

Period: 1/01/2021 to 1/02/2021

B1 Number of Pollution Complaints 0

S
Energy Australia

23 February 2021

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&

 option=licence&searchrange=licence&range=POEO%20licence&prp=no&st

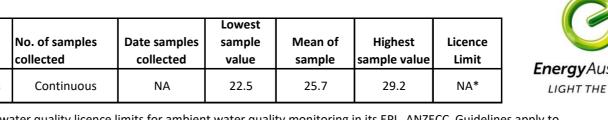
 atus=Issued

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
oxygen	milligrams per litre	Special Frequency 1	1	11/01/2021	6	6	6	20
Total suspended solids	milligrams per litre	Special Frequency 1	1	11/01/2021	20	20	20	30

Comments:





		No. of			Lowest			
	Unit of	Samples	No. of samples	Date samples	sample	Mean of	Highest	Licence
Pollutant	Measure	required	collected	collected	value	sample	sample value	Limit
	Degrees				22.5	25.7	20.2	N 1 A ¥
Temperature	Celsius	Continuous	Continuous	NA	22.5	25.7	29.2	NA*



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

Periods where the plant is offline or Thermoshock is active have been removed from this data set. Comments:

23 February 2021

Discharge and Monitoring Point 5: Discharge water 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
Temperature	Degrees Celsius	Continuous	Continuous	NA	20.5	26.3	31.8	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 collected	Date samples collected	Lowest sample value	Mean of sample	Highest sample value	Licence Limit
Temperature	Degrees Celsius	Continuous	Continuous	NA	20.4	24.9	31.2	NA*

Comments: n/a

23 February 2021

EnergyAustralia

Monitoring Point 7: Ambient water monitoring

	Unit of	No. of Samples	No. of samples	Date samples	Lowest	Mean of	Highest	Licence
Pollutant	Measure		collected	collected	sample value		sample value	Limit
	Degrees	Continuous	Continuous	NIA	20.0	24.4	20 F	NI A *
Temperature	Celsius	Continuous	Continuous	NA	20.6	24.4	29.5	NA*

Comments: n/a

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	
Copper	micrograms per litre	Monthly during discharge	0	-	-	-	-	NA*	
Nitrogen (total)	milligrams per litre	Monthly during discharge	0	-	-	-	-	NA*	23
рН	рН	Monthly during discharge	0	-	-	-	-	NA*	
Total Phosporous - filtered sample	milligrams per litre	discharge	0	-	-	-	-	NA*	
Total suspended solids	milligrams per litre	discharge	0	-	-	-	-	NA*	
Zinc	micrograms per litre	Monthly during discharge	0	-	-	-	-	NA*	



23 February 2021

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	3.8	4.2	4.8	NA
Moisture content	Percent	Continuous	**	NA	7.6	8.4	9.7	NA
Nitrogen oxides	parts per million	Continuous	**	NA	4.3	8.3	15.5	25
Oxygen (O2)	Percent	Continuous	**	NA	12.4	13.4	14.0	NA
Solid particles	milligrams per cubic metre	Yearly	1	24/07/2020	-	<0.4	-	10
Sulphur dioxide	parts per million	Yearly	1	24/07/2020	-	<2	-	3
Temperature	Degrees Celsius	Continuous	**	NA	78.7	86.9	97.6	NA
Volatile organic compounds	parts per million	Yearly	1	24/07/2020	-	<100	-	NA
Volumetric flow rate	cubic metres per second	Continuous	**	NA	239.2	311.9	413.1	NA



Notes: * equipment detection limit

Comments: n/a



23 February 2021

B3 Volume or Mass Monitoring Summary

Monitoring Point 3: Sewage volume monitoring

		No. of						
	Unit of	Samples	No. of samples	Date Samples	Lowest		Highest	Licence
Pollutant	Measure	required	collected	collected	result	Mean result	result	Limit
Sewage	Kilolitres per day	Continuous	**	NA	0	1	21	100

Notes: ** Continuous data recorded via inline flow meter

Comments: