B Monitoring and Complaints Summary

Period: 1/03/2023 to 1/04/2023

B1 Number of Pollution Complaints 0



4 July 2023

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

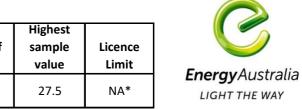
 ption=licence&searchrange=licence&range=POEO%20licence&prp=no&stat
 us=lssued

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

Comments: No discharge



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	20.5	24.1	27.5	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 2023

Discharge and Monitoring Point 5: Discharge water quality monitoring

Dellatent	Unit of		No. of samples	Date samples	Lowest sample	Mean of	Highest sample	Licence
Pollutant	Measure	required	collected	collected	value	sample	value	Limit
	Degrees	Continuous	Continuous	NIA	21.0	25.4	20.2	25
Temperature	Celsius	Continuous	Continuous	NA	21.8	25.4	29.2	35

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

Monitoring Point 6: Ambient water monitoring

Pollutant			No. of samples collected	Date samples collected	Lowest sample value	Mean of sample	Highest sample value	Licence Limit
Temperature	Degrees Celsius	Continuous	Continuous	NA	21.1	24.7	29.0	NA*

Comments: n/a

Monitoring Point 7: Ambient water monitoring

		No. of			Lowest		Highest	
Pollutant	Unit of Measure	Samples required	No. of samples collected	Date samples collected	sample value	Mean of sample	sample value	Licence Limit
Temperature	Degrees Celsius	Continuous	Continuous	NA	20.4	24.0	27.1	NA*

Comments: n/a



4 July 2023

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	1	29/03/2023	<0.001	<0.001	<0.001	NA*
Nitrogen (total)	milligrams per litre	Monthly during discharge	1	29/03/2023	4.4	4.4	4.4	NA*
рН	рН	Monthly during discharge	1	29/03/2023	7.4	7.4	7.4	NA*
Total Phosporous - filtered sample	milligrams per litre	Monthly during discharge	1	29/03/2023	1.49	1.49	1.49	NA*
Total suspended solids	milligrams per litre	Monthly during discharge	1	29/03/2023	90.0	90.0	90.0	NA*
Zinc	micrograms per litre	Monthly during discharge	1	29/03/2023	<0.005	<0.005	<0.005	NA*



4 July 2023

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

Comments:

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	3.5	4.0	4.3	NA
Moisture content	Percent	Continuous	**	NA	6.9	8.0	8.6	NA
Nitrogen oxides	parts per million	Continuous	**	NA	5.9	9.0	12.4	25
Oxygen (O2)	Percent	Continuous	**	NA	13.0	13.3	14.1	NA
Solid particles	milligrams per cubic metre	Yearly	1	6/12/2022	-	<0.6	-	10
Sulphur dioxide	parts per million	Yearly	1	6/12/2022	-	1.9	-	3
Temperature	Degrees Celsius	Continuous	**	NA	76.4	89.2	94.9	NA
Volatile organic compounds	parts per million	Yearly	1	6/12/2022	-	<1	-	NA
Volumetric flow rate	cubic metres per second	Continuous	**	NA	236.5	369.2	432.5	NA

Discharge and Monitoring Point 9: Air emissions monitoring



Notes: * equipment detection limit

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	0	0	100

Notes: ** Continuous data recorded via inline flow meter

Comments: No discharge this month.