B Monitoring and Complaints Summary

Period: 1/10/2023 to 1/11/2023

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

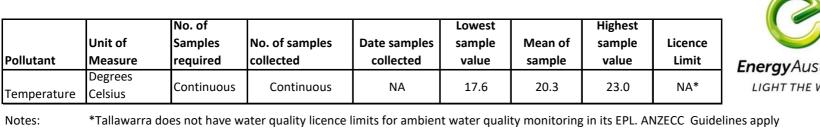
Monitoring Point 2: Effluent quality monitoring

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 Irrigation



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EnergyAustralia LIGHT THE WAY

to receiving waters

Periods where the plant is offline or Thermoshock is active have been removed from this data set. 17 November 2023 Comments:

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	14.2	18.3	25.3	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	15.2	20.0	24.2	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	7.0	20.2	22.4	NI A *
Temperature	Celsius	Continuous	Continuous	NA	7.6	20.2	23.4	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	1	20/10/2023	<0.001	<0.001	<0.001	NA*
Nitrogen (total)	milligrams per litre	Monthly during discharge	1	20/10/2023	1.90	1.90	1.90	NA*
рН	рН	Monthly during discharge	1	20/10/2023	8.00	8.00	8.00	NA*
Total Phosporous - filtered sample	milligrams per litre	Monthly during discharge	1	20/10/2023	0.66	0.66	0.66	NA*
Total suspended solids	milligrams per litre	Monthly during discharge	1	20/10/2023	10.00	10.00	10.00	NA*
Zinc	micrograms per litre	Monthly during discharge	1	20/10/2023	<0.005	<0.005	<0.005	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:

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	4.1	4.3	NA
Moisture content	Percent	Continuous	**	NA	7.6	8.2	8.6	NA
Nitrogen oxides	parts per million	Continuous	**	NA	6.1	8.2	17.2	25
Oxygen (O2)	Percent	Continuous	**	NA	13.1	13.4	13.9	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	77.5	86.3	93.0	NA
Volatile organic compounds	parts per million	Yearly	1	6/12/2022	-	<1	-	NA
Volumetric flow rate	cubic metres per second	Continuous	**	NA	266.2	342.8	415.8	NA



Notes: * equipment detection limit

Comments: n/a



B3 Volume or Mass Monitoring Summary

Monitoring Point 3: Sewage volume monitoring

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

Notes: ** Continuous data recorded via inline flow meter

Comments:

October 2023