B Monitoring and Complaints Summary

Period: 1/04/2020 to 1/05/2020

B1 Number of Pollution Complaints 0

Pollution Category	Number of Complaints
Air	0
Water	0
Noise	0
Waste	0
Other	0

12 May 2020

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&status=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
Biochemical oxygen demand	milligrams per litre	Special Frequency 1	1	19/02/2020	6	6	6	20
Total suspended solids	milligrams per litre	Special Frequency 1	1	19/02/2020	12	12	12	30

Comments:

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	18.1	20.8	23.4	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.

12 May 2020

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	17.0	21.8	27.7	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	16.2	20.2	25.4	NA*

Comments: n/a

12 May 2020

Monitoring Point 7: 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	16.9	19.7	23.0	NA*

Comments: n/a

Monitoring Point 8: Discharge water monitoring



12 May 2020

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*
pH	pH	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*

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

EnergyAustralia
LIGHT THE WAY

12 May 2020

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	3.0	4.4	4.9	NA
Moisture content	Percent	Continuous	**	NA	5.9	8.8	9.9	NA
Nitrogen oxides	parts per million	Continuous	**	NA	2.8	8.7	12.4	25
Oxygen (O2)	Percent	Continuous	**	NA	11.5	12.7	14.1	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	74.8	86.8	91.8	NA
Volatile organic compounds	parts per million	Yearly	1	24/06/2019	-	<1	-	NA
Volumetric flow rate	cubic metres per second	Continuous	**	NA	203.9	355.8	441.8	NA

Notes: * equipment detection limit

Comments:

EnergyAustralia
LIGHT THE WAY

B3 Volume or Mass Monitoring Summary

12 May 2020

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	4	14	100

Notes: ** Continuous data recorded via inline flow meter

Comments: