



EnergyAustralia
LIGHT THE WAY

B Monitoring and Complaints Summary

Period: 1/02/2025 to 1/03/2025

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&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued>

26 March 2025

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

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 | 24.2 | 26.6 | 28.0 | 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: Periods where the plant is offline or Thermoshock is active have been removed from this data set.

26 March 2025

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 | 19.3 | 23.7 | 28.3 | 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 | 22.7 | 26.4 | 30.2 | NA* |

Comments: Data not available between 14 Feb to 26 Feb due to equipment failure



26 March 2025

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 | 21.6 | 25.3 | 28.2 | NA* |

Comments: n/a

Monitoring Point 8: Discharge water monitoring

EnergyAustralia
LIGHT THE WAY

26 March 2025

| 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 Phosphorous - 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

Discharge and Monitoring Point 9: Air emissions monitoring

| Pollutant | Unit of Measure | No. of Samples required | Lowest sample value | Mean of sample | Highest sample value | Licence Limit |
|----------------------|-------------------------|-------------------------|---------------------|----------------|----------------------|---------------|
| Moisture content | Percent | Continuous | 7.9 | 8.8 | 9.7 | NA |
| Nitrogen oxides | parts per million | Continuous | 2.1 | 4.4 | 9.7 | 25 |
| Oxygen (O2) | Percent | Continuous | 12.2 | 13.0 | 13.8 | NA |
| Temperature | Degrees Celsius | Continuous | 79.9 | 87.7 | 97.9 | NA |
| Volumetric flow rate | cubic metres per second | Continuous | 225.0 | 299.7 | 390.4 | NA |



EnergyAustralia

LIGHT THE WAY

26 March 2025

Discharge and Monitoring Point 13: Air emissions monitoring

| Pollutant | Unit of Measure | No. of Samples required | Lowest sample value | Mean of sample | Highest sample value | Licence Limit |
|----------------------|-------------------------|-------------------------|---------------------|----------------|----------------------|---------------|
| Moisture content | Percent | Continuous | 10.0 | 10.0 | 10.0 | NA |
| Nitrogen oxides | parts per million | Continuous | 10.1 | 13.1 | 16.9 | 25 |
| Oxygen (O2) | Percent | Continuous | 13.1 | 13.3 | 13.6 | NA |
| Temperature | Degrees Celsius | Continuous | 636.5 | 643.8 | 649.0 | NA |
| Velocity | Meters per second | Continuous | 37.1 | 48.0 | 58.8 | NA |
| Volumetric flow rate | cubic metres per second | Continuous | 328.1 | 428.7 | 529.0 | NA |

Notes: Moisture content substituted for conservative value of 10%
 Temperature data partially substituted with alternative temperature probe data due to probe failure



EnergyAustralia
LIGHT THE WAY

26 March 2025

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