



EnergyAustralia
LIGHT THE WAY

B Monitoring and Complaints Summary

Period: 1/03/2025 to 1/04/2025

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>

17 April 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

March 2025

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 | 23.5 | 26.0 | 27.6 | 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.

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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 | 18.7 | 22.5 | 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 | 20.6 | 24.3 | 28.2 | NA* |

Comments: n/a



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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 | 20.8 | 24.3 | 27.8 | 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* |
| 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



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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 | 9.1 | 9.7 | NA |
| Nitrogen oxides | parts per million | Continuous | 2.3 | 5.8 | 9.7 | 25 |
| Oxygen (O2) | Percent | Continuous | 12.2 | 12.7 | 13.8 | NA |
| Temperature | Degrees Celsius | Continuous | 82.7 | 89.5 | 93.8 | NA |
| Volumetric flow rate | cubic metres per second | Continuous | 238.9 | 329.0 | 386.2 | NA |



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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 | 11.9 | 14.8 | 19.1 | 25 |
| Oxygen (O2) | Percent | Continuous | 13.2 | 13.5 | 13.8 | NA |
| Temperature | Degrees Celsius | Continuous | 626.1 | 643.7 | 654.9 | NA |
| Velocity | Meters per second | Continuous | 37.2 | 43.3 | 49.5 | NA |
| Volumetric flow rate | cubic metres per second | Continuous | 332.1 | 385.1 | 440.1 | NA |

Notes: Moisture content substituted for conservative value of 10%



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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