



EnergyAustralia
LIGHT THE WAY

B Monitoring and Complaints Summary

Period: 1/04/2018 to 1/05/2018

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>

21 May 2018

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 effluent irrigated this month

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 | - | - | - | 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.
Plant was offline for April 2018

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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 | 20.4 | 24.0 | 25.0 | 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 | 17.0 | 21.6 | 25.0 | 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 | 17.9 | 22.8 | 26.3 | 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 this month.



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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 | 0.0 | 0.0 | 0.0 | NA |
| Moisture content | Percent | Continuous | ** | NA | 0.0 | 0.0 | 0.0 | NA |
| Nitric oxide | parts per million | Continuous | ** | NA | 0.0 | 0.0 | 0.0 | NA |
| Nitrogen dioxide | parts per million | Continuous | ** | NA | 0.0 | 0.0 | 0.0 | NA |
| Nitrogen oxides | parts per million | Continuous | ** | NA | 0.0 | 0.0 | 0.0 | 25 |
| Oxygen (O2) | Percent | Continuous | ** | NA | 0.0 | 0.0 | 0.0 | NA |
| Solid particles | milligrams per cubic metre | Yearly | 1 | 6/03/2018 | - | <0.7 | - | 10 |
| Sulphur dioxide | parts per million | Yearly | 1 | 6/03/2018 | - | <1 | - | 3 |
| Temperature | Degrees Celsius | Continuous | ** | NA | 0.0 | 0.0 | 0.0 | NA |
| Volatile organic compounds | parts per million | Yearly | 1 | 6/03/2018 | - | <1 | - | NA |
| Volumetric flow rate | cubic metres per second | Continuous | ** | NA | 0.0 | 0.0 | 0.0 | NA |

Notes: * equipment detection limit

Comments: Plant was offline for April 2018

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Monitoring Point 10: Ambient air 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 |
|------------------|---------------------------|-------------------------|--------------------------|------------------------|---------------------|----------------|----------------------|---------------|
| Nitric oxide | parts per hundred million | Continuous | ** | NA | -0.1 | 0.1 | 3.1 | NA |
| Nitrogen dioxide | parts per hundred million | Continuous | ** | NA | 0.1 | 0.4 | 3.2 | NA |
| Nitrogen oxides | parts per hundred million | Continuous | ** | NA | 0.1 | 0.5 | 5.1 | NA |
| Ozone | parts per hundred million | Continuous | ** | NA | 0.0 | 1.8 | 6.1 | NA |

Comments:



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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 this month.