

Batemans Bay Sewage Treatment Plant - Monthly Result Summary - May 2025



Anniversary Date: 1-Apr-25  
Published Date: 10-Jun-25

Licensee: Eurobodalla Shire Council  
EPL No.: 1397  
Premises: Batemans Bay Sewage Treatment Plant  
Address: George Bass Drive, Batemans Bay, NSW 2536  
Licence Period: 1-Apr-25 to 31-Mar-26  
EPL Link: <https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=206046&SYSUID=1&LICID=1397>  
POEO Public Register: <https://apps.epa.nsw.gov.au/prpoeoapp/>

Required Month: May-25

| Licence Point 1 - Discharge to Waters - Point 1 Concentration Limits |                 |                                   |                                    |
|----------------------------------------------------------------------|-----------------|-----------------------------------|------------------------------------|
| Parameters                                                           | Unit of Measure | 90 percentile concentration limit | 100 percentile concentration limit |
| Biological Oxygen Demand                                             | (mg/L)          | 10                                | 15                                 |
| Oil and Grease                                                       | (mg/L)          | 5                                 | 10                                 |
| pH                                                                   | (pH Units)      | -                                 | 6.5-8.5                            |
| Total Suspended Solids                                               | (mg/L)          | 15                                | 20                                 |
| Faecal Coliforms                                                     | (CFU/100mL)     | 200                               | 600                                |
| Total Nitrogen                                                       | (mg/L)          | 10                                | 15                                 |
| Total Phosphorus                                                     | (mg/L)          | 5                                 | 8                                  |
| Ammonia                                                              | (mg/L)          | 2                                 | 5                                  |

See Note 1

Note 1: A 100 Percentile Concentration Limit of “10 mg/L and no visible oil and grease” applies for Point 1.  
Note 2: The monitoring at Point 3, required by Condition M2.1, is conducted by the licensee to determine compliance with limits specified for discharges to Point 1 as described in Condition L3.

| Licence Point 3 - Effluent Quality Monitoring (Monthly Results) |                                 |                       |               |                               |                              |                       |                         |                |               |
|-----------------------------------------------------------------|---------------------------------|-----------------------|---------------|-------------------------------|------------------------------|-----------------------|-------------------------|----------------|---------------|
| Sample Frequency                                                | Monthly                         | Monthly               | Monthly       | Monthly                       | Monthly                      | Monthly               | Monthly                 | Monthly        |               |
| Sampling Method                                                 | Composite Sample                | Grab Sample           | Grab Sample   | Composite Sample              | Grab Sample                  | Composite Sample      | Composite Sample        | Grab Sample    |               |
| Sampled Date                                                    | Biological Oxygen Demand (mg/L) | Oil and Grease (mg/L) | pH (pH Units) | Total Suspended Solids (mg/L) | Faecal Coliforms (CFU/100mL) | Total Nitrogen (mg/L) | Total Phosphorus (mg/L) | Ammonia (mg/L) | Obtained Date |
| 13-May-25                                                       | 6.00                            | <5                    | 7.10          | 4.00                          | 2                            | 1.46                  | 2.57                    | <0.01          | 21-May-25     |
| 100 Percentile Exceedance?                                      | NO                              | NO                    | NO            | NO                            | NO                           | NO                    | NO                      | NO             |               |

| Licence Point 3 - Effluent Quality Monitoring (Year To Date Results) |                                 |                       |               |                               |                              |                       |                         |                |
|----------------------------------------------------------------------|---------------------------------|-----------------------|---------------|-------------------------------|------------------------------|-----------------------|-------------------------|----------------|
| Year to Date                                                         | Biological Oxygen Demand (mg/L) | Oil and Grease (mg/L) | pH (pH Units) | Total Suspended Solids (mg/L) | Faecal Coliforms (CFU/100mL) | Total Nitrogen (mg/L) | Total Phosphorus (mg/L) | Ammonia (mg/L) |
| Samples                                                              | 2                               | 2                     | 2             | 2                             | 2                            | 2                     | 2                       | 2              |
| Min                                                                  | 6.00                            | <5                    | 7.10          | 3.00                          | 2                            | 1.46                  | 2.57                    | <0.01          |
| Mean                                                                 | 6.00                            | 2.50                  | 7.15          | 3.50                          | 8                            | 2.32                  | 3.11                    | 0.005          |
| Median (50th %ile)                                                   | 6.00                            | 2.50                  | 7.15          | 3.50                          | 8                            | 2.32                  | 3.11                    | 0.005          |
| 90th %ile                                                            | 6.00                            | 2.50                  | 7.19          | 3.90                          | 13                           | 3.01                  | 3.53                    | 0.005          |
| Max (100th %ile)                                                     | 6.00                            | <5                    | 7.20          | 4.00                          | 14                           | 3.18                  | 3.64                    | <0.01          |

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| Licence Point 2 - Influent Volume Monitoring |                       |                         |                     |
|----------------------------------------------|-----------------------|-------------------------|---------------------|
| Sample Frequency                             | Daily (Continuous)    | Maximum Daily flow (kL) | 26565               |
| Sampling Method                              | Ultrasonic Flow Meter |                         |                     |
| Sample Date                                  | Rainfall (mm)         | Plant Inflow (kL)       | Exceedance (YES/NO) |
| 1-May-25                                     | 0                     | 8691                    | NO                  |
| 2-May-25                                     | 0                     | 9231                    | NO                  |
| 3-May-25                                     | 0                     | 9201                    | NO                  |
| 4-May-25                                     | 0                     | 7040                    | NO                  |
| 5-May-25                                     | 0                     | 6349                    | NO                  |
| 6-May-25                                     | 0                     | 6004                    | NO                  |
| 7-May-25                                     | 0                     | 5641                    | NO                  |
| 8-May-25                                     | 0                     | 5383                    | NO                  |
| 9-May-25                                     | 0                     | 5359                    | NO                  |
| 10-May-25                                    | 0                     | 5116                    | NO                  |
| 11-May-25                                    | 0                     | 5012                    | NO                  |
| 12-May-25                                    | 0                     | 4898                    | NO                  |
| 13-May-25                                    | 3                     | 5471                    | NO                  |
| 14-May-25                                    | 1.5                   | 5359                    | NO                  |
| 15-May-25                                    | 0                     | 5307                    | NO                  |
| 16-May-25                                    | 18                    | 6781                    | NO                  |
| 17-May-25                                    | 1                     | 6726                    | NO                  |
| 18-May-25                                    | 6                     | 6055                    | NO                  |
| 19-May-25                                    | 10                    | 6787                    | NO                  |
| 20-May-25                                    | 9.5                   | 8076                    | NO                  |
| 21-May-25                                    | 7.5                   | 7308                    | NO                  |
| 22-May-25                                    | 6.5                   | 7405                    | NO                  |
| 23-May-25                                    | 28.5                  | 10220                   | NO                  |
| 24-May-25                                    | 24.5                  | 11164                   | NO                  |
| 25-May-25                                    | 0                     | 11199                   | NO                  |
| 26-May-25                                    | 0                     | 8006                    | NO                  |
| 27-May-25                                    | 0                     | 6801                    | NO                  |
| 28-May-25                                    | 0                     | 6268                    | NO                  |
| 29-May-25                                    | 0                     | 5987                    | NO                  |
| 30-May-25                                    | 0                     | 5915                    | NO                  |
| 31-May-25                                    | 0                     | 5746                    | NO                  |
| Monthly Total                                | 116                   | 214506                  |                     |
| Monthly Minimum                              | 0                     | 4898                    |                     |
| Monthly Mean                                 | 3.74                  | 6919.55                 |                     |
| Monthly Maximum                              | 28.5                  | 11199                   |                     |
| Year to Date Total                           | 219.5                 | 358518                  |                     |
| Year to Date Minimum                         | 0                     | 4394                    |                     |
| Year to Date Mean                            | 3.60                  | 5877.34                 |                     |
| Year to Date Maximum                         | 31                    | 11199                   |                     |

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| Licence Point 4 - Ambient Water Monitoring (Monthly Result) |                                 |               |
|-------------------------------------------------------------|---------------------------------|---------------|
| Frequency<br>Sampling Method                                | Monthly<br>Grab Sample          |               |
| Sampled Date                                                | Faecal Coliforms<br>(CFU/100mL) | Obtained Date |
| 13-May-25                                                   | <1                              | 21-May-25     |

| Licence Point 4 - Ambient Water Monitoring (Year to Date Results) |                                 |
|-------------------------------------------------------------------|---------------------------------|
| Year to Date                                                      | Faecal Coliforms<br>(CFU/100mL) |
| Samples                                                           | 2                               |
| Min                                                               | <1                              |
| Mean                                                              | 4.50                            |
| Median (50th %ile)                                                | 4.50                            |
| 90th %ile                                                         | 8.10                            |
| Max (100th %ile)                                                  | 9                               |

| Licence Point 5 - Ambient Water Monitoring (Monthly Result) |                                 |               |
|-------------------------------------------------------------|---------------------------------|---------------|
| Frequency<br>Sampling Method                                | Monthly<br>Grab Sample          |               |
| Sampled Date                                                | Faecal Coliforms<br>(CFU/100mL) | Obtained Date |
| 13-May-25                                                   | <1                              | 21-May-25     |

| Licence Point 5 - Ambient Water Monitoring (Year To Date Results) |                                 |
|-------------------------------------------------------------------|---------------------------------|
| Year to Date                                                      | Faecal Coliforms<br>(CFU/100mL) |
| Samples                                                           | 2                               |
| Min                                                               | <1                              |
| Mean                                                              | 0.00                            |
| Median (50th %ile)                                                | 0.00                            |
| 90th %ile                                                         | 0.00                            |
| Max (100th %ile)                                                  | <1                              |

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| Monthly Exceedance Report |                 |           |                      |
|---------------------------|-----------------|-----------|----------------------|
| Date                      | Exceedance Type | Parameter | Description / Action |
|                           |                 |           |                      |

Batemans Bay STP EPA Licence Point Map

