

Tomakin Sewage Treatment Plant - Annual Result Summary 2019-2020

Licensee: Eurobodalla Shire Council

EPL No.: 2851

Premises: Tomakin Sewage Treatment Plant

Address: George Bass Drive, Tomakin, NSW 2537

Licence Period: 1-Apr-19 to 30-Mar-20

EPL Link: <https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=183819&SYSUID=1&LICID=2851>

POEO Public Register: <https://apps.epa.nsw.gov.au/prpoeoapp/>



EPA Licence Point 2 - Influent Volume Monitoring

| Parameter | Units of measure | No. of measurements required by licence | No. of times measured during year | | | | 50 | 50 | 90 | 90 | 100 | 100 | Exceedance (yes/no) |
|-----------------------|------------------|---|-----------------------------------|------------|------------|------------|------------------|------------------|------------------|------------------|------------------|------------------|---------------------|
| | | | | Min. value | Mean value | Max. value | percentile value | percentile limit | percentile value | percentile limit | percentile value | percentile limit | |
| Daily Influent Volume | kL/Day | 365 | 359 | 100 | 1170 | 5275 | 1090 | - | 1466 | - | 5275 | 14000 | No |

EPA Licence Point 3 - Effluent Quality Monitoring

| Pollutant | Units of measure | No. of measurements required by licence | No. of times measured during year | | | | 50 | 50 | 90 | 90 | 100 | 100 | Exceedance (yes/no) |
|--------------------------|------------------|---|-----------------------------------|------------|------------|------------|------------------|------------------|------------------|------------------|------------------|------------------|---------------------|
| | | | | Min. value | Mean value | Max. value | percentile value | percentile limit | percentile value | percentile limit | percentile value | percentile limit | |
| Biological Oxygen Demand | mg/L | 12 | 13 | <2 | 2.92 | 8.00 | 2.00 | 10.00 | 6.20 | - | 8.00 | 20.00 | No |
| Oil & Grease | mg/L | 12 | 13 | <3 | 3.77 | 5.00 | 3.00 | - | 5.00 | - | 5.00 | 10.00 | No |
| Total Suspended Solids | mg/L | 12 | 13 | <2 | 4.62 | 12.00 | 3.00 | 15.00 | 11.20 | - | 12.00 | 30.00 | No |
| Total Nitrogen | mg/L | 12 | 13 | 1.08 | 4.16 | 8.09 | 3.47 | - | 7.66 | - | 8.09 | - | No |
| Total Phosphorus | mg/L | 12 | 13 | 3.21 | 6.92 | 9.75 | 7.02 | - | 8.87 | - | 9.75 | - | No |
| Chlorophyll-a | mg/L | 12 | 13 | 0.0021 | 0.0361 | 0.1766 | 0.0086 | - | 0.0961 | - | 0.1766 | - | No |

EPA Licence Point 4 - Ambient Water Monitoring

| Pollutant | Units of measure | No. of measurements required by licence | No. of times measured during year | | | | 50 | 50 | 90 | 90 | 100 | 100 | Exceedance (yes/no) |
|------------------|------------------|---|-----------------------------------|------------|------------|------------|------------------|------------------|------------------|------------------|------------------|------------------|---------------------|
| | | | | Min. value | Mean value | Max. value | percentile value | percentile limit | percentile value | percentile limit | percentile value | percentile limit | |
| Faecal Coliforms | cfu/100mL | 22 | 19 | <1 | 207 | 4000 | 1 | - | 53 | - | 4000 | - | No |

