

WWTP Effluent Monitoring

Annual Summary

31/03/2012 to 28/02/2025



*Notes regarding Licence Limits

A single number denotes a maximum value that should not be exceeded.

Two numbers separated by a slash " / " denote a 90% limit and a maximum limit.

Two numbers separated by a dash " - " denote minimum and maximum limits.

90 percentiles explained

Within a licence for each pollutant listed by the EPA, it will have a limit value. This value may be a 100 percentile limit where samples must meet the limit value 100% of the time. Lower limits may also be assigned.

Where there are limit values lower than a 100% limit a sample or samples test results can exceed the limit value. For example, if a 90 percentile limit is assigned to a pollutant, this means 90% of collected samples should meet the limit value. If 10 samples are required in a year only one sample of the ten samples for the year is allowed to exceed the 90 percentile limit value. If more than one sample exceeds this value this would be a non-compliance of the licence conditions.

Treatment Plant: Murwillumbah

EPA Licence Number: 582

License Year: 01 November to 31 October

Monitoring Point: MWWTP/Effluent EPA Point: Point 1

| Summary Period | Pollutant | Units | Count | Min | Max | Mean | 90% Value | Limits* | Exceedance |
|--|--------------------------|------------|-------|------|------|------|-----------|-----------|------------|
| 1/11/2011 to 31/10/2012 Published: 12 Nov | Ammonia | mg/L | 15 | 0.03 | 0.61 | 0.43 | 0.592 | 2 / 5 | No |
| | BOD5 | mg/L | 15 | 1.5 | 11.0 | 3.11 | 4.74 | 10 / 20 | No |
| | Oil & Grease | mg/L | 15 | <2 | 4 | 2 | 3.6 | 5 / 10 | No |
| | pH | pH units | 15 | 7.0 | 7.8 | 7.31 | 7.56 | 6.5-8.5 | No |
| | Suspended Solids | mg/L | 15 | 3.4 | 17.0 | 7.69 | 15.6 | 15 / 30 | Yes |
| | Thermotolerant Coliforms | cfu/100 ml | 15 | 2 | 260 | 71 | 143.4 | 200 / 600 | No |
| | Total Nitrogen | mg/L | 15 | 0.8 | 6.7 | 5.3 | 6.2 | 10 / 20 | No |
| | Total Phosphorus | mg/L | 15 | 0.02 | 0.22 | 0.14 | 0.202 | 0.5 / 1 | No |
| Summary Period | Pollutant | Units | Count | Min | Max | Mean | 90% Value | Limits* | Exceedance |
| 1/11/2011 to 31/10/2012 Published: 13 Nov | Ammonia | mg/L | 27 | 0.06 | 1.43 | 0.4 | 0.608 | 2 / 5 | No |
| | BOD5 | mg/L | 27 | 1.2 | 6.6 | 3.44 | 6.4 | 10 / 20 | No |
| | Oil & Grease | mg/L | 27 | <2 | <2 | <2.0 | 0.0 | 5 / 10 | No |
| | pH | pH units | 27 | 6.6 | 7.8 | 7.21 | 7.5 | 6.5-8.5 | No |
| | Suspended Solids | mg/L | 27 | 3.4 | 22.0 | 8.91 | 14.4 | 15 / 30 | No |
| | Thermotolerant Coliforms | cfu/100 ml | 27 | <1 | 312 | 57 | 183.6 | 200 / 600 | No |
| | Total Nitrogen | mg/L | 27 | 3.84 | 7.18 | 5.76 | 6.74 | 10 / 20 | No |
| | Total Phosphorus | mg/L | 27 | 0.08 | 0.19 | 0.14 | 0.184 | 0.5 / 1 | No |

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| Summary Period | Pollutant | Units | Count | Min | Max | Mean | 90% Value | Limits* | Exceedance |
|--|--------------------------|------------|-------|-------|-------|------|-----------|-----------|------------|
| 1/11/2013 to 31/10/2014 Published: 10 Nov | Ammonia | mg/L | 26 | 0.07 | 9.0 | 0.97 | 1.27 | 2 / 5 | Yes |
| | BOD5 | mg/L | 26 | 1.8 | 7.6 | 3.93 | 6.9 | 10 / 20 | No |
| | Oil & Grease | mg/L | 26 | <2 | 3 | 2 | 0.0 | 5 / 10 | No |
| | pH | pH units | 26 | 7.0 | 8.2 | 7.4 | 7.65 | 6.5-8.5 | No |
| | Suspended Solids | mg/L | 26 | 3.4 | 34.0 | 9.53 | 14.0 | 15 / 30 | Yes |
| | Thermotolerant Coliforms | cfu/100 ml | 26 | <1 | 176 | 30 | 80.0 | 200 / 600 | No |
| | Total Nitrogen | mg/L | 26 | 4.82 | 13.6 | 7.92 | 9.99 | 10 / 20 | No |
| | Total Phosphorus | mg/L | 26 | <0.02 | 0.39 | 0.15 | 0.23 | 0.5 / 1 | No |
| 1/11/2014 to 31/10/2015 Published: 17 Mar | Ammonia | mg/L | 26 | 0.12 | 1.09 | 0.47 | 0.75 | 2 / 5 | No |
| | BOD5 | mg/L | 26 | <1.0 | 6.0 | 2.63 | 4.8 | 10 / 20 | No |
| | Oil & Grease | mg/L | 26 | <2 | 5 | 2 | 3.0 | 5 / 10 | No |
| | pH | pH units | 26 | 6.7 | 7.8 | 7.18 | 7.6 | 6.5-8.5 | No |
| | Suspended Solids | mg/L | 26 | 3.0 | 20.0 | 8.07 | 14.0 | 15 / 30 | No |
| | Thermotolerant Coliforms | cfu/100 ml | 29 | 4 | 1400 | 101 | 132.0 | 200 / 600 | Yes |
| | Total Nitrogen | mg/L | 26 | 2.19 | 8.54 | 5.71 | 7.335 | 10 / 20 | No |
| | Total Phosphorus | mg/L | 26 | 0.09 | 0.29 | 0.14 | 0.18 | 0.5 / 1 | No |
| 1/11/2015 to 31/10/2016 Published: 03 Nov | Ammonia | mg/L | 26 | 0.06 | 0.75 | 0.35 | 0.62 | 2 / 5 | No |
| | BOD5 | mg/L | 26 | 1.0 | 5.6 | 2.55 | 3.6 | 10 / 20 | No |
| | Oil & Grease | mg/L | 26 | <2 | 5 | 2 | 0.0 | 5 / 10 | No |
| | pH | pH units | 26 | 6.9 | 8.0 | 7.26 | 7.55 | 6.5-8.5 | No |
| | Suspended Solids | mg/L | 26 | 2.4 | 18.0 | 7.27 | 14.15 | 15 / 30 | No |
| | Thermotolerant Coliforms | cfu/100 ml | 26 | <1 | 13600 | 591 | 258.0 | 200 / 600 | Yes |
| | Total Nitrogen | mg/L | 26 | 2.83 | 7.56 | 5.29 | 7.11 | 10 / 20 | No |
| | Total Phosphorus | mg/L | 26 | 0.03 | 0.21 | 0.12 | 0.17 | 0.5 / 1 | No |
| 1/11/2016 to 31/10/2017 Published: 06 Nov | Ammonia | mg/L | 26 | 0.02 | 0.91 | 0.42 | 0.73 | 2 / 5 | No |
| | BOD5 | mg/L | 26 | <1.0 | 5.6 | 2.32 | 3.2 | 10 / 20 | No |
| | Oil & Grease | mg/L | 26 | <2 | 2 | 2 | 0.0 | 5 / 10 | No |

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|--|----------------------------|--------------|--------------|------------|------------|-------------|------------------|----------------|-------------------|
| Summary Period 1/11/2016 to 31/10/2017 Published: 06 Nov | pH | pH units | 26 | 6.8 | 7.7 | 7.28 | 7.55 | 6.5-8.5 | No |
| | Suspended Solids | mg/L | 26 | 2.2 | 27.0 | 7.25 | 11.35 | 15 / 30 | No |
| | Thermotolerant Coliforms | cfu/100 ml | 26 | <1 | 172 | 34 | 97.5 | 200 / 600 | No |
| | Total Nitrogen | mg/L | 26 | 1.88 | 8.52 | 5.42 | 7.44 | 10 / 20 | No |
| | Total Phosphorus | mg/L | 26 | 0.08 | 0.47 | 0.15 | 0.25 | 0.5 / 1 | No |
| Summary Period 1/11/2017 to 31/10/2018 Published: 13 Dec | Pollutant | Units | Count | Min | Max | Mean | 90% Value | Limits* | Exceedance |
| | Ammonia | mg/L | 26 | 0.09 | 1.45 | 0.5 | 0.895 | 2 / 5 | No |
| | BOD5 | mg/L | 26 | 1.0 | 4.0 | 2.32 | 3.5 | 10 / 20 | No |
| | Oil & Grease | mg/L | 26 | <2.0 | 2.8 | 2.05 | 1.0 | 5 / 10 | No |
| | pH | pH units | 26 | 6.8 | 7.68 | 7.21 | 7.4 | 6.5-8.5 | No |
| | Suspended Solids | mg/L | 26 | 1.6 | 16.0 | 5.62 | 10.3 | 15 / 30 | No |
| | Suspended Solids Corrected | mg/L | 1 | 2.8 | 2.8 | 2.8 | 2.8 | 15 / 30 | No |
| | Thermotolerant Coliforms | cfu/100 ml | 26 | <1.0 | 440.0 | 95.43 | 244.8 | 200 / 600 | Yes |
| | Total Nitrogen | mg/L | 26 | 3.63 | 8.43 | 5.64 | 7.225 | 10 / 20 | No |
| | Total Phosphorus | mg/L | 26 | 0.07 | 0.24 | 0.14 | 0.195 | 0.5 / 1 | No |
| Summary Period 1/11/2018 to 31/10/2019 Published: 04 Nov | Pollutant | Units | Count | Min | Max | Mean | 90% Value | Limits* | Exceedance |
| | Ammonia | mg/L | 26 | <0.02 | 0.73 | 0.32 | 0.585 | 2 / 5 | No |
| | BOD5 | mg/L | 26 | <1.0 | 10.4 | 2.82 | 5.05 | 10 / 20 | No |
| | Oil & Grease | mg/L | 26 | <2.0 | 2.3 | 2.02 | 0.0 | 5 / 10 | No |
| | pH | pH units | 26 | 7.0 | 8.0 | 7.46 | 7.75 | 6.5-8.5 | No |
| | Suspended Solids | mg/L | 26 | 1.2 | 20.0 | 7.92 | 16.0 | 15 / 30 | Yes |
| | Thermotolerant Coliforms | cfu/100 ml | 26 | <1 | 188 | 12 | 16.0 | 200 / 600 | No |
| | Total Nitrogen | mg/L | 26 | 3.49 | 8.55 | 5.77 | 6.66 | 10 / 20 | No |
| Total Phosphorus | mg/L | 26 | 0.06 | 0.36 | 0.14 | 0.21 | 0.5 / 1 | No | |

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| Summary Period | Pollutant | Units | Count | Min | Max | Mean | 90% Value | Limits* | Exceedance |
|--|--------------------------|------------|-------|-------|-------|------|-----------|-----------|------------|
| 1/11/2019 to 31/10/2020 Published: 14 Dec | Ammonia | mg/L | 25 | <0.02 | 1.22 | 0.35 | 0.816 | 2 / 5 | No |
| | BOD5 | mg/L | 25 | <1.0 | 9.3 | 3.1 | 5.58 | 10 / 20 | No |
| | Oil & Grease | mg/L | 25 | <2 | 5 | 2 | 3.0 | 5 / 10 | No |
| | pH | pH units | 25 | 7.0 | 9.4 | 7.56 | 7.96 | 6.5-8.5 | Yes |
| | Suspended Solids | mg/L | 25 | <1.0 | 28.0 | 7.64 | 13.0 | 15 / 30 | No |
| | Thermotolerant Coliforms | cfu/100 ml | 25 | <1 | 9700 | 430 | 124.2 | 200 / 600 | Yes |
| | Total Nitrogen | mg/L | 25 | 2.39 | 7.39 | 5.18 | 7.108 | 10 / 20 | No |
| | Total Phosphorus | mg/L | 25 | 0.08 | 0.22 | 0.14 | 0.19 | 0.5 / 1 | No |
| 1/11/2020 to 31/10/2021 Published: 04 Nov | Ammonia | mg/L | 25 | 0.12 | 2.24 | 0.41 | 0.63 | 2 / 5 | No |
| | BOD5 | mg/L | 25 | <1.0 | 6.0 | 1.89 | 2.92 | 10 / 20 | No |
| | Oil & Grease | mg/L | 25 | <2 | 4 | 2 | 0.0 | 5 / 10 | No |
| | pH | pH units | 25 | 6.6 | 8.5 | 7.45 | 7.96 | 6.5-8.5 | No |
| | Suspended Solids | mg/L | 25 | <1.0 | 10.0 | 4.06 | 8.4 | 15 / 30 | No |
| | Thermotolerant Coliforms | cfu/100 ml | 24 | <1 | 1660 | 264 | 997.0 | 200 / 600 | Yes |
| | Total Nitrogen | mg/L | 25 | 2.0 | 7.54 | 5.04 | 6.492 | 10 / 20 | No |
| | Total Phosphorus | mg/L | 25 | 0.05 | 0.19 | 0.12 | 0.15 | 0.5 / 1 | No |
| 1/11/2021 to 31/10/2022 Published: 01 Nov | Ammonia | mg/L | 25 | 0.06 | 11.9 | 0.95 | 1.194 | 2 / 5 | Yes |
| | BOD5 | mg/L | 25 | <1.0 | 7.5 | 1.95 | 3.3 | 10 / 20 | No |
| | Oil & Grease | mg/L | 25 | <2 | 3 | 2 | 1.8 | 5 / 10 | No |
| | pH | pH units | 25 | 6.8 | 8.0 | 7.24 | 7.5 | 6.5-8.5 | No |
| | Suspended Solids | mg/L | 25 | <1.0 | 11.0 | 3.84 | 6.04 | 15 / 30 | No |
| | Thermotolerant Coliforms | cfu/100 ml | 23 | <1 | 44000 | 2224 | 2024.0 | 200 / 600 | Yes |
| | Total Nitrogen | mg/L | 25 | 2.65 | 21.7 | 6.11 | 8.078 | 10 / 20 | Yes |
| | Total Phosphorus | mg/L | 25 | 0.06 | 0.21 | 0.11 | 0.14 | 0.5 / 1 | No |
| 1/11/2022 to 31/10/2023 Published: 02 Oct | Ammonia | mg/L | 23 | 0.04 | 3.92 | 0.73 | 1.568 | 2 / 5 | No |
| | BOD5 | mg/L | 23 | <1.0 | 6.9 | 2.37 | 4.32 | 10 / 20 | No |
| | Oil & Grease | mg/L | 23 | <2 | 3 | 2 | 2.0 | 5 / 10 | No |

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| | | | | | | | | | |
|--|--------------------------|--------------|--------------|------------|------------|-------------|------------------|----------------|-------------------|
| Summary Period 1/11/2022 to 31/10/2023 Published: 02 Oct | pH | pH units | 23 | 7.2 | 7.8 | 7.43 | 7.6 | 6.5-8.5 | No |
| | Suspended Solids | mg/L | 23 | 1.4 | 18.0 | 5.76 | 9.86 | 15 / 30 | No |
| | Thermotolerant Coliforms | cfu/100 ml | 24 | <1 | 58 | 11 | 26.8 | 200 / 600 | No |
| | Total Nitrogen | mg/L | 23 | 3.05 | 6.24 | 4.58 | 5.532 | 10 / 20 | No |
| | Total Phosphorus | mg/L | 23 | 0.07 | 0.32 | 0.15 | 0.236 | 0.5 / 1 | No |
| Summary Period 1/11/2023 to 31/10/2024 Published: 11 Nov | Pollutant | Units | Count | Min | Max | Mean | 90% Value | Limits* | Exceedance |
| | Ammonia | mg/L | 25 | 0.06 | 9.1 | 1.45 | 3.22 | 2 / 5 | Yes |
| | BOD5 | mg/L | 25 | <1.0 | 9.0 | 2.75 | 6.06 | 10 / 20 | No |
| | Oil & Grease | mg/L | 25 | <2 | <2 | <2 | 0.0 | 5 / 10 | No |
| | pH | pH units | 25 | 6.9 | 9.1 | 7.46 | 8.14 | 6.5-8.5 | Yes |
| | Suspended Solids | mg/L | 25 | <1.0 | 28.0 | 6.05 | 12.6 | 15 / 30 | No |
| | Thermotolerant Coliforms | cfu/100 ml | 26 | <1 | 1080 | 54 | 49.0 | 200 / 600 | Yes |
| | Total Nitrogen | mg/L | 25 | 1.74 | 14.5 | 4.5 | 6.922 | 10 / 20 | No |
| Total Phosphorus | mg/L | 25 | 0.06 | 0.84 | 0.24 | 0.364 | 0.5 / 1 | No | |
| Summary Period 1/11/2023 to 31/10/2024 Published: 03 Feb | Pollutant | Units | Count | Min | Max | Mean | 90% Value | Limits* | Exceedance |
| | Ammonia | mg/L | 9 | 0.11 | 8.55 | 1.86 | 4.678 | 2 / 5 | Yes |
| | BOD5 | mg/L | 9 | 2.1 | 16.0 | 5.81 | 9.44 | 10 / 20 | No |
| | Oil & Grease | mg/L | 9 | <2 | <2 | <2 | 0.0 | 5 / 10 | No |
| | pH | pH units | 9 | 6.9 | 7.6 | 7.29 | 7.6 | 6.5-8.5 | No |
| | Suspended Solids | mg/L | 9 | <1.0 | 30.0 | 10.22 | 30.0 | 15 / 30 | Yes |
| | Thermotolerant Coliforms | cfu/100 ml | 9 | <1 | 120 | 41 | 85.6 | 200 / 600 | No |
| | Total Nitrogen | mg/L | 9 | 2.41 | 14.7 | 6.05 | 9.5 | 10 / 20 | No |
| Total Phosphorus | mg/L | 9 | 0.15 | 0.98 | 0.34 | 0.78 | 0.5 / 1 | Yes | |

Monitoring Point: MWWTP/Reuse EPA Point: Point 6

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| | | | | | | | | | |
|--|--------------------------|--------------|--------------|------------|------------|-------------|------------------|----------------|-------------------|
| Summary Period 1/11/2011 to 31/10/2012 Published: 12 Nov | Pollutant | Units | Count | Min | Max | Mean | 90% Value | Limits* | Exceedance |
| | Ammonia | mg/L | 9 | <0.02 | 0.38 | 0.19 | 0.38 | 2 / 5 | No |
| | BOD5 | mg/L | 9 | <1.0 | 3.2 | 1.93 | 2.88 | 10 / 20 | No |
| | Oil & Grease | mg/L | 9 | <2 | 5 | 2 | 1.0 | 5 / 10 | No |
| | pH | pH units | 9 | 7.3 | 7.9 | 7.64 | 7.82 | 6.5-8.5 | No |
| | Suspended Solids | mg/L | 9 | <1 | <1 | <1.0 | 0.0 | 15 / 30 | No |
| | Thermotolerant Coliforms | cfu/100 ml | 9 | <1 | <1 | <1 | 0.0 | 200 / 600 | No |
| | Total Nitrogen | mg/L | 9 | 4.32 | 5.73 | 5.26 | 5.69 | 10 / 20 | No |
| Total Phosphorus | mg/L | 9 | 0.02 | 0.06 | 0.04 | 0.06 | 0.5 / 1 | No | |
| Summary Period 1/11/2011 to 31/10/2012 Published: 13 Nov | Pollutant | Units | Count | Min | Max | Mean | 90% Value | Limits* | Exceedance |
| | Ammonia | mg/L | 13 | <0.02 | 0.28 | 0.07 | 0.162 | 2 / 5 | No |
| | BOD5 | mg/L | 13 | <1.0 | 5.7 | 2.19 | 4.88 | 10 / 20 | No |
| | Oil & Grease | mg/L | 13 | <2 | <2 | <2.0 | 0.0 | 5 / 10 | No |
| | pH | pH units | 13 | 7.3 | 8.1 | 7.53 | 7.78 | 6.5-8.5 | No |
| | Suspended Solids | mg/L | 13 | <1.0 | 4.6 | 1.28 | 1.0 | 15 / 30 | No |
| | Thermotolerant Coliforms | cfu/100 ml | 13 | <1 | 10 | 2 | 0.0 | 200 / 600 | No |
| | Total Nitrogen | mg/L | 13 | 3.71 | 6.14 | 5.26 | 6.024 | 10 / 20 | No |
| Total Phosphorus | mg/L | 13 | 0.02 | 0.04 | 0.03 | 0.038 | 0.5 / 1 | No | |
| Summary Period 1/11/2013 to 31/10/2014 Published: 10 Nov | Pollutant | Units | Count | Min | Max | Mean | 90% Value | Limits* | Exceedance |
| | Ammonia | mg/L | 14 | 0.06 | 9.11 | 1.23 | 1.237 | 2 / 5 | Yes |
| | BOD5 | mg/L | 14 | <1.0 | 12.0 | 4.03 | 6.86 | 10 / 20 | No |
| | Oil & Grease | mg/L | 14 | <2 | <2 | 2 | 0.0 | 5 / 10 | No |
| | pH | pH units | 14 | 7.4 | 7.8 | 7.63 | 7.8 | 6.5-8.5 | No |
| | Suspended Solids | mg/L | 14 | <1.0 | 1.2 | 1.01 | 0.0 | 15 / 30 | No |
| | Thermotolerant Coliforms | cfu/100 ml | 14 | <1 | 14 | 2 | 0.0 | 200 / 600 | No |
| | Total Nitrogen | mg/L | 14 | 4.89 | 12.6 | 6.97 | 8.317 | 10 / 20 | No |
| Total Phosphorus | mg/L | 14 | 0.02 | 0.11 | 0.05 | 0.06 | 0.5 / 1 | No | |
| Summary Period 1/11/2014 to 31/10/2015 Published: 19 Nov | Pollutant | Units | Count | Min | Max | Mean | 90% Value | Limits* | Exceedance |
| | Ammonia | mg/L | 16 | <0.02 | 0.81 | 0.19 | 0.605 | 2 / 5 | No |
| | BOD5 | mg/L | 16 | <1.0 | 7.0 | 2.71 | 4.1 | 10 / 20 | No |
| | Oil & Grease | mg/L | 16 | <2 | 6 | 2 | 0.0 | 5 / 10 | No |

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| | | | | | | | | | |
|--|--------------------------|--------------|--------------|------------|------------|-------------|------------------|----------------|-------------------|
| Summary Period 1/11/2014 to 31/10/2015 Published: 19 Nov | pH | pH units | 16 | 7.0 | 7.8 | 7.52 | 7.75 | 6.5-8.5 | No |
| | Suspended Solids | mg/L | 16 | <1 | <1 | <1.0 | 0.0 | 15 / 30 | No |
| | Thermotolerant Coliforms | cfu/100 ml | 16 | <1 | <1 | <1 | 0.0 | 200 / 600 | No |
| | Total Nitrogen | mg/L | 16 | 1.75 | 8.14 | 4.74 | 6.825 | 10 / 20 | No |
| | Total Phosphorus | mg/L | 16 | 0.02 | 0.09 | 0.03 | 0.05 | 0.5 / 1 | No |
| Summary Period 1/11/2015 to 31/10/2016 Published: 03 Nov | Pollutant | Units | Count | Min | Max | Mean | 90% Value | Limits* | Exceedance |
| | Ammonia | mg/L | 23 | <0.02 | 0.49 | 0.1 | 0.25 | 2 / 5 | No |
| | BOD5 | mg/L | 23 | <1.0 | 3.6 | 1.53 | 2.36 | 10 / 20 | No |
| | Oil & Grease | mg/L | 23 | <2 | <5 | 2 | 0.0 | 5 / 10 | No |
| | pH | pH units | 23 | 7.0 | 7.8 | 7.4 | 7.6 | 6.5-8.5 | No |
| | Suspended Solids | mg/L | 23 | <1.0 | 4.2 | 1.18 | 1.36 | 15 / 30 | No |
| | Thermotolerant Coliforms | cfu/100 ml | 23 | <1 | <1 | <1 | 0.0 | 200 / 600 | No |
| | Total Nitrogen | mg/L | 23 | 2.01 | 7.24 | 4.81 | 6.54 | 10 / 20 | No |
| Total Phosphorus | mg/L | 23 | <0.02 | 0.06 | 0.03 | 0.048 | 0.5 / 1 | No | |
| Summary Period 1/11/2016 to 31/10/2017 Published: 06 Nov | Pollutant | Units | Count | Min | Max | Mean | 90% Value | Limits* | Exceedance |
| | Ammonia | mg/L | 26 | <0.02 | 0.78 | 0.19 | 0.595 | 2 / 5 | No |
| | BOD5 | mg/L | 26 | <1.0 | 12.8 | 1.89 | 3.0 | 10 / 20 | No |
| | Oil & Grease | mg/L | 26 | <2 | 2 | 2 | 0.0 | 5 / 10 | No |
| | pH | pH units | 26 | 6.9 | 7.8 | 7.51 | 7.75 | 6.5-8.5 | No |
| | Suspended Solids | mg/L | 26 | <1 | 1 | 1 | 0.0 | 15 / 30 | No |
| | Thermotolerant Coliforms | cfu/100 ml | 26 | <1 | <1 | <1 | 0.0 | 200 / 600 | No |
| | Total Nitrogen | mg/L | 26 | 1.56 | 7.9 | 4.86 | 6.96 | 10 / 20 | No |
| Total Phosphorus | mg/L | 26 | 0.02 | 0.3 | 0.05 | 0.11 | 0.5 / 1 | No | |

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| Summary Period | Pollutant | Units | Count | Min | Max | Mean | 90% Value | Limits* | Exceedance |
|--|----------------------------|------------|-------|-------|------|------|-----------|-----------|------------|
| 1/11/2017 to 31/10/2018 Published: 05 Nov | Ammonia | mg/L | 25 | <0.02 | 0.63 | 0.09 | 0.322 | 2 / 5 | No |
| | BOD5 | mg/L | 25 | <1.0 | 4.2 | 1.6 | 2.56 | 10 / 20 | No |
| | Oil & Grease | mg/L | 25 | <2 | 3 | 2 | 0.0 | 5 / 10 | No |
| | pH | pH units | 25 | 7.1 | 7.8 | 7.51 | 7.7 | 6.5-8.5 | No |
| | Suspended Solids | mg/L | 25 | <1 | <1 | <1.0 | 0.0 | 15 / 30 | No |
| | Suspended Solids Corrected | mg/L | 1 | <1 | <1 | <1 | 0.5 | 15 / 30 | No |
| | Thermotolerant Coliforms | cfu/100 ml | 25 | <1 | 1 | 1 | 0.0 | 200 / 600 | No |
| | Total Nitrogen | mg/L | 25 | 2.22 | 7.8 | 4.85 | 6.612 | 10 / 20 | No |
| | Total Phosphorus | mg/L | 25 | 0.02 | 0.11 | 0.04 | 0.06 | 0.5 / 1 | No |
| 1/11/2018 to 31/10/2019 Published: 04 Nov | Ammonia | mg/L | 24 | <0.02 | 0.08 | 0.02 | 0.02 | 2 / 5 | No |
| | BOD5 | mg/L | 24 | <1.0 | 6.0 | 2.05 | 4.14 | 10 / 20 | No |
| | Oil & Grease | mg/L | 24 | <2 | 2 | 2 | 0.0 | 5 / 10 | No |
| | pH | pH units | 25 | 7.3 | 8.0 | 7.67 | 7.9 | 6.5-8.5 | No |
| | Suspended Solids | mg/L | 24 | <1 | 1 | 1 | 0.0 | 15 / 30 | No |
| | Thermotolerant Coliforms | cfu/100 ml | 24 | <1 | <1 | <1 | 0.0 | 200 / 600 | No |
| | Total Nitrogen | mg/L | 24 | 2.77 | 7.49 | 5.07 | 6.113 | 10 / 20 | No |
| | Total Phosphorus | mg/L | 24 | 0.02 | 0.05 | 0.03 | 0.047 | 0.5 / 1 | No |
| 1/11/2019 to 31/10/2020 Published: 02 Nov | Ammonia | mg/L | 24 | <0.02 | 0.42 | 0.08 | 0.312 | 2 / 5 | No |
| | BOD5 | mg/L | 24 | <1.0 | 17.0 | 4.2 | 9.79 | 10 / 20 | No |
| | Oil & Grease | mg/L | 24 | <2 | 2 | 2 | 2.0 | 5 / 10 | No |
| | pH | pH units | 24 | 7.4 | 9.2 | 7.75 | 7.9 | 6.5-8.5 | Yes |
| | Suspended Solids | mg/L | 24 | <1 | <1 | <1.0 | 0.0 | 15 / 30 | No |
| | Thermotolerant Coliforms | cfu/100 ml | 24 | <1 | <1 | <1 | 0.0 | 200 / 600 | No |
| | Total Nitrogen | mg/L | 24 | 1.69 | 6.69 | 4.45 | 5.613 | 10 / 20 | No |
| | Total Phosphorus | mg/L | 24 | 0.02 | 0.66 | 0.07 | 0.08 | 0.5 / 1 | No |

WWTP Effluent Monitoring

Annual Summary

31/03/2012 to 28/02/2025



| Summary Period | Pollutant | Units | Count | Min | Max | Mean | 90% Value | Limits* | Exceedance |
|---|--------------------------|------------|-------|-------|------|------|-----------|-----------|------------|
| 1/11/2020 to 31/10/2021 Published: 04 Nov | Ammonia | mg/L | 23 | <0.02 | 1.32 | 0.09 | 0.07 | 2 / 5 | No |
| | BOD5 | mg/L | 23 | <1.0 | 6.0 | 2.86 | 4.44 | 10 / 20 | No |
| | Oil & Grease | mg/L | 23 | <2 | <2 | 2 | 0.0 | 5 / 10 | No |
| | pH | pH units | 23 | 6.9 | 8.4 | 7.67 | 8.06 | 6.5-8.5 | No |
| | Suspended Solids | mg/L | 23 | <1.0 | 2.3 | 1.08 | 0.0 | 15 / 30 | No |
| | Thermotolerant Coliforms | cfu/100 ml | 24 | <1 | 1 | 1 | 0.0 | 200 / 600 | No |
| | Total Nitrogen | mg/L | 23 | 1.35 | 7.93 | 4.57 | 6.328 | 10 / 20 | No |
| | Total Phosphorus | mg/L | 23 | 0.02 | 0.15 | 0.05 | 0.07 | 0.5 / 1 | No |
| 1/11/2021 to 31/10/2022 Published: 01 Nov | Ammonia | mg/L | 25 | <0.02 | 2.18 | 0.21 | 0.518 | 2 / 5 | No |
| | BOD5 | mg/L | 25 | <1.0 | 25.0 | 3.43 | 7.2 | 10 / 20 | Yes |
| | Oil & Grease | mg/L | 25 | <2 | 5 | 2 | 0.0 | 5 / 10 | No |
| | pH | pH units | 25 | 7.2 | 7.9 | 7.54 | 7.8 | 6.5-8.5 | No |
| | Suspended Solids | mg/L | 25 | <1 | <1 | <1 | 0.0 | 15 / 30 | No |
| | Thermotolerant Coliforms | cfu/100 ml | 23 | <1 | <10 | 1 | 0.0 | 200 / 600 | No |
| | Total Nitrogen | mg/L | 25 | 2.18 | 8.81 | 4.73 | 6.904 | 10 / 20 | No |
| | Total Phosphorus | mg/L | 25 | 0.02 | 0.08 | 0.04 | 0.066 | 0.5 / 1 | No |
| 1/11/2022 to 31/10/2023 Published: 01 Nov | Ammonia | mg/L | 23 | <0.02 | 4.12 | 0.26 | 0.42 | 2 / 5 | No |
| | BOD5 | mg/L | 23 | <1.0 | 9.6 | 2.06 | 3.36 | 10 / 20 | No |
| | Oil & Grease | mg/L | 23 | <2 | 2 | 2 | 0.0 | 5 / 10 | No |
| | pH | pH units | 23 | 7.4 | 8.8 | 7.73 | 7.9 | 6.5-8.5 | Yes |
| | Suspended Solids | mg/L | 23 | <1 | 1 | 1 | 0.0 | 15 / 30 | No |
| | Thermotolerant Coliforms | cfu/100 ml | 24 | <1 | <2 | 1 | 0.0 | 200 / 600 | No |
| | Total Nitrogen | mg/L | 23 | 2.44 | 5.88 | 3.98 | 4.826 | 10 / 20 | No |
| | Total Phosphorus | mg/L | 23 | 0.02 | 0.42 | 0.1 | 0.23 | 0.5 / 1 | No |
| 1/11/2023 to 31/10/2024 Published: 25 Nov | Ammonia | mg/L | 26 | <0.02 | 11.8 | 1.96 | 7.845 | 2 / 5 | Yes |
| | BOD5 | mg/L | 26 | <1.0 | 3.9 | 1.56 | 2.85 | 10 / 20 | No |
| | Oil & Grease | mg/L | 26 | <2 | 5 | 2 | 0.0 | 5 / 10 | No |

WWTP Effluent Monitoring

Annual Summary

31/03/2012 to 28/02/2025



| | | | | | | | | | |
|--|--------------------------|--------------|--------------|------------|------------|-------------|------------------|----------------|-------------------|
| Summary Period 1/11/2023 to 31/10/2024 Published: 25 Nov | pH | pH units | 26 | 7.0 | 8.4 | 7.57 | 7.95 | 6.5-8.5 | No |
| | Suspended Solids | mg/L | 26 | <1 | 9 | 1 | 0.0 | 15 / 30 | No |
| | Thermotolerant Coliforms | cfu/100 ml | 26 | <1 | 13 | 2 | 0.0 | 200 / 600 | No |
| | Total Nitrogen | mg/L | 26 | 1.24 | 14.8 | 4.78 | 10.825 | 10 / 20 | Yes |
| | Total Phosphorus | mg/L | 26 | 0.04 | 0.72 | 0.17 | 0.35 | 0.5 / 1 | No |
| Summary Period 1/11/2024 to 31/10/2025 Published: 03 Feb | Pollutant | Units | Count | Min | Max | Mean | 90% Value | Limits* | Exceedance |
| | Ammonia | mg/L | 8 | 0.13 | 3.21 | 0.92 | 2.083 | 2 / 5 | Yes |
| | BOD5 | mg/L | 8 | <1.0 | 6.6 | 3.56 | 6.18 | 10 / 20 | No |
| | Oil & Grease | mg/L | 8 | <2 | <2 | <2 | 0.0 | 5 / 10 | No |
| | pH | pH units | 8 | 7.2 | 7.7 | 7.49 | 7.63 | 6.5-8.5 | No |
| | Suspended Solids | mg/L | 8 | <1 | <1 | <1 | 0.0 | 15 / 30 | No |
| | Thermotolerant Coliforms | cfu/100 ml | 8 | <1 | <1 | <1 | 0.0 | 200 / 600 | No |
| | Total Nitrogen | mg/L | 8 | 2.32 | 5.78 | 3.89 | 5.458 | 10 / 20 | No |
| Total Phosphorus | mg/L | 8 | 0.04 | 2.53 | 0.4 | 0.878 | 0.5 / 1 | Yes | |