

WWTP Effluent Monitoring
31/03/2012 to 18/12/2024



Treatment Plant: Tumbulgum

EPA Licence Number: 5622

License Year: 24 March to 23 March

| Monitoring Point: TuWWTP/Effluent | | EPA Point: Point 1 | | | | | | |
|-----------------------------------|---------|--------------------|------------|------------------|--------------------------|----------------|------------------|--------------------------|
| Pollutant | Ammonia | BOD5 | pH | Suspended Solids | Thermotolerant Coliforms | Total Nitrogen | Total Phosphorus | |
| Limits* | 5 / 10 | 15 / 35 | 6.5-8.5 | 20 / 40 | 200 / 600 | 15 / 25 | 1 / 3 | Received/ |
| Date | (mg/L) | (mg/L) | (pH units) | (mg/L) | (cfu/100ml) | (mg/L) | (mg/L) | Published |
| 4/04/2012 | 0.88 | 2.2 | 7.2 | 3.4 | 4 | 8.17 | 0.46 | 20/04/2012 29/06/2012 |
| 18/04/2012 | 6.80 | 5.7 | 7.2 | 12 | 12 | 8.81 | 0.90 | 4/05/2012 29/06/2012 |
| 2/05/2012 | 0.87 | 1.1 | 7.0 | 5.6 | <1 | 3.64 | 0.23 | 16/05/2012 29/06/2012 |
| 16/05/2012 | 0.95 | <1.0 | 7.1 | 4.0 | <1 | 6.01 | 0.22 | 26/05/2012 29/06/2012 |
| 30/05/2012 | 0.88 | <1.0 | 7.2 | 4.0 | <1 | 9.28 | 0.33 | 7/06/2012 29/06/2012 |
| 13/06/2012 | 0.83 | 2.0 | 6.9 | 6.2 | 2300 | 7.62 | 0.42 | 26/06/2012 29/06/2012 |
| 27/06/2012 | 1.10 | 1.2 | 6.9 | 4.2 | 60 | 13.9 | 0.38 | 11/07/2012 18/07/2012 |
| 11/07/2012 | 1.11 | 1.9 | 7.0 | 3.8 | <4 | 10.52 | 0.24 | 27/07/2012 9/08/2012 |
| 25/07/2012 | 0.93 | <1.0 | 7.0 | 5.1 | <4 | 4.60 | 0.11 | 8/08/2012 9/08/2012 |
| 8/08/2012 | 1.68 | 1.6 | 7.0 | 5.2 | 1 | 4.25 | 0.29 | 29/08/2012 29/08/2012 |
| 22/08/2012 | 2.65 | <1.0 | 6.3 | 5.6 | <1 | 5.15 | 0.08 | 5/09/2012 12/09/2012 |
| 5/09/2012 | 6.24 | 2.0 | 7.2 | 4.8 | <1 | 6.76 | 0.22 | 18/09/2012 19/09/2012 |
| 19/09/2012 | 2.04 | 2.2 | 7.0 | 7.4 | 1 | 3.49 | 0.22 | 4/10/2012 7/10/2012 |
| 3/10/2012 | 4.70 | 2.8 | 7.2 | 3.0 | <1 | 5.18 | 0.19 | 10/10/2012 14/10/2012 |
| 17/10/2012 | 1.30 | 1.0 | 7.1 | 3.7 | <1 | 4.96 | 0.23 | 25/10/2012 28/10/2012 |
| 31/10/2012 | 0.93 | 1.0 | 7.1 | 2.8 | <1 | 11.4 | 0.26 | 9/11/2012 12/11/2012 |
| 14/11/2012 | 1.20 | <1.0 | 7.2 | 5.3 | 2 | 9.63 | 0.41 | 23/11/2012 26/11/2012 |
| 28/11/2012 | 1.59 | 1.3 | 7.3 | 1.8 | 3 | 4.06 | 0.34 | 11/12/2012 12/12/2012 |
| 12/12/2012 | 1.45 | 1.8 | 7.1 | 6.6 | 2 | 3.45 | 0.30 | 24/12/2012 25/12/2012 |
| 27/12/2012 | 1.77 | 2.1 | 7.1 | 4.2 | <1 | 3.04 | 0.20 | 11/01/2013 14/01/2013 |
| 9/01/2013 | 1.09 | 2.1 | 7.1 | 9.0 | 1 | 2.28 | 0.39 | 23/01/2013 24/01/2013 |
| 23/01/2013 | 1.19 | 3.4 | 7.0 | 7.0 | 4 | 4.31 | 0.33 | 31/01/2013 4/02/2013 |
| 6/02/2013 | 0.81 | 1.9 | 6.9 | 12 | 1 | 3.32 | 0.31 | 19/02/2013 20/02/2013 |
| 20/02/2013 | 0.58 | 2.0 | 6.9 | 19 | <10 | 3.31 | 1.05 | 1/03/2013 4/03/2013 |

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31/03/2012 to 18/12/2024



| Pollutant | Ammonia | BOD5 | pH | Suspended Solids | Thermotolerant Coliforms | Total Nitrogen | Total Phosphorus | |
|------------|---------|---------|------------|------------------|--------------------------|----------------|------------------|--------------------------|
| Limits* | 5 / 10 | 15 / 35 | 6.5-8.5 | 20 / 40 | 200 / 600 | 15 / 25 | 1 / 3 | Received/ |
| Date | (mg/L) | (mg/L) | (pH units) | (mg/L) | (cfu/100ml) | (mg/L) | (mg/L) | Published |
| 6/03/2013 | 0.95 | 1.8 | 6.9 | 6.0 | 15 | 4.05 | 0.21 | 19/03/2013 20/03/2013 |
| 20/03/2013 | 1.00 | 1.1 | 7.0 | 5.4 | <4 | 10.9 | 0.49 | 4/04/2013 9/04/2013 |
| 3/04/2013 | 1.47 | 1.0 | 7.0 | 5.6 | <4 | 10.6 | 0.32 | 16/04/2013 17/04/2013 |
| 17/04/2013 | 0.77 | 1.2 | 7.1 | 4.4 | <10 | 3.64 | 0.26 | 26/04/2013 29/04/2013 |
| 1/05/2013 | 0.92 | 1.5 | 7.0 | 8.0 | 3 | 5.00 | 0.55 | 8/05/2013 9/05/2013 |
| 15/05/2013 | 1.32 | 2.2 | 7.0 | 6.0 | 9 | 9.54 | 0.32 | 27/05/2013 28/05/2013 |
| 29/05/2013 | 0.32 | 1.2 | 6.9 | 13 | 4 | 12.94 | 0.57 | 12/06/2013 13/06/2013 |
| 12/06/2013 | 3.27 | 1.9 | 7.1 | 6.0 | 1 | 4.91 | 0.20 | 25/06/2013 26/06/2013 |
| 26/06/2013 | 0.98 | 4.0 | 7.0 | 13 | 1 | 3.72 | 0.43 | 9/07/2013 10/07/2013 |
| 10/07/2013 | 1.14 | 1.2 | 6.9 | 4.8 | <1 | 2.82 | 0.13 | 24/07/2013 25/07/2013 |
| 24/07/2013 | 1.16 | 1.4 | 7.0 | 5.4 | 2 | 2.92 | 0.30 | 2/08/2013 5/08/2013 |
| 7/08/2013 | 1.57 | 1.8 | 7.0 | 5.0 | <1 | 2.94 | 0.24 | 19/08/2013 20/08/2013 |
| 21/08/2013 | 2.41 | 3.6 | 7.1 | 12 | 2 | 3.37 | 0.38 | 5/09/2013 9/09/2013 |
| 4/09/2013 | 2.68 | 2.6 | 6.9 | 8.0 | 7 | 3.34 | 0.44 | 12/09/2013 16/09/2013 |
| 18/09/2013 | 3.45 | 2.6 | 6.9 | 6.6 | 3 | 4.41 | 0.19 | 1/10/2013 2/10/2013 |
| 2/10/2013 | 1.94 | 4.2 | 7.0 | 18 | 30 | 3.44 | 0.72 | 14/10/2013 15/10/2013 |
| 16/10/2013 | 0.97 | 1.6 | 7.1 | 8.4 | 8 | 6.24 | 0.56 | 30/10/2013 31/10/2013 |
| 30/10/2013 | 1.26 | 1.4 | 7.1 | 5.3 | <1 | 3.22 | 0.45 | 12/11/2013 13/11/2013 |
| 13/11/2013 | 1.74 | 2.3 | 7.1 | 9.8 | 5 | 3.33 | 0.31 | 27/11/2013 28/11/2013 |
| 27/11/2013 | 1.30 | 1.5 | 7.0 | 7.4 | <1 | 2.96 | 0.24 | 10/12/2013 11/12/2013 |
| 11/12/2013 | 2.21 | 2.5 | 7.1 | 17 | 5 | 4.17 | 0.71 | 24/12/2013 25/12/2013 |
| 24/12/2013 | 1.71 | 2.2 | 6.9 | 7.3 | 21 | 2.90 | 0.25 | 2/01/2014 6/01/2014 |
| 8/01/2014 | 4.86 | 1.6 | 7.0 | 4.8 | <1 | 6.13 | 0.02 | 20/01/2014 21/01/2014 |
| 22/01/2014 | 0.99 | 2.1 | 7.1 | 5.0 | 4 | 3.16 | 0.57 | 31/01/2014 3/02/2014 |
| 5/02/2014 | 0.43 | 1.9 | 7.0 | 16 | 3 | 4.61 | 1.10 | 19/02/2014 20/02/2014 |
| 19/02/2014 | 0.82 | 1.0 | 6.7 | 7.0 | 1 | 4.97 | 0.34 | 3/03/2014 4/03/2014 |
| 5/03/2014 | 1.21 | 2.1 | 6.6 | 11 | 1 | 6.08 | 0.33 | 17/03/2014 18/03/2014 |

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31/03/2012 to 18/12/2024

| Pollutant | Ammonia | BOD5 | pH | Suspended Solids | Thermotolerant Coliforms | Total Nitrogen | Total Phosphorus | |
|------------|---------|---------|------------|------------------|--------------------------|----------------|------------------|--------------------------|
| Limits* | 5 / 10 | 15 / 35 | 6.5-8.5 | 20 / 40 | 200 / 600 | 15 / 25 | 1 / 3 | Received/ Published |
| Date | (mg/L) | (mg/L) | (pH units) | (mg/L) | (cfu/100ml) | (mg/L) | (mg/L) | |
| 19/03/2014 | 0.89 | <1.0 | 6.7 | 6.8 | <1 | 3.85 | 0.26 | 1/04/2014 2/04/2014 |
| 2/04/2014 | 1.37 | 2.7 | 6.8 | 8.6 | 1 | 2.78 | 0.22 | 11/04/2014 14/04/2014 |
| 16/04/2014 | 0.96 | 1.2 | 6.7 | 6.2 | <1 | 5.14 | 0.16 | 28/04/2014 29/04/2014 |
| 30/04/2014 | 2.00 | 1.7 | 6.9 | 6.0 | 5 | 3.55 | 0.19 | 8/05/2014 12/05/2014 |
| 14/05/2014 | 1.55 | 1.1 | 6.9 | 4.8 | 3 | 4.25 | 0.15 | 22/05/2014 26/05/2014 |
| 28/05/2014 | 1.76 | 1.1 | 7.1 | 4.8 | 2 | 4.13 | 0.14 | 11/06/2014 12/06/2014 |
| 11/06/2014 | 1.92 | 3.3 | 6.9 | 3.8 | 2 | 4.81 | 0.15 | 24/06/2014 25/06/2014 |
| 25/06/2014 | 1.48 | 1.3 | 6.9 | 1.4 | 1 | 7.33 | 0.15 | 4/07/2014 7/07/2014 |
| 9/07/2014 | 2.18 | <1.0 | 6.9 | 2.0 | <2 | 12.24 | 0.16 | 17/07/2014 21/07/2014 |
| 23/07/2014 | 1.49 | <1.0 | 6.5 | 6.2 | <1 | 11.89 | 0.09 | 1/08/2014 4/08/2014 |
| 6/08/2014 | 1.24 | <1.0 | 6.6 | 7.2 | <1 | 4.42 | 0.09 | 18/08/2014 19/08/2014 |
| 20/08/2014 | 1.01 | <1.0 | 6.4 | 6.8 | <1 | 3.94 | 0.10 | 2/09/2014 3/09/2014 |
| 3/09/2014 | 1.54 | 2.3 | 7.1 | 3.4 | 4 | 3.78 | 0.38 | 18/09/2014 22/09/2014 |
| 17/09/2014 | 1.25 | 1.1 | 6.5 | 13 | <1 | 3.65 | 0.17 | 30/09/2014 1/10/2014 |
| 1/10/2014 | 1.07 | <1.0 | 6.4 | 8.2 | 2 | 2.51 | 0.06 | 15/10/2014 20/10/2014 |
| 15/10/2014 | 1.03 | <1.0 | 6.4 | 7.0 | 1 | 2.64 | 0.06 | 28/10/2014 29/10/2014 |
| 29/10/2014 | 1.27 | 1.2 | 6.3 | 11 | <1 | 1.98 | 0.09 | 7/11/2014 10/11/2014 |
| 12/11/2014 | 1.34 | 1.2 | 6.7 | 7.6 | <1 | 2.54 | 0.12 | 26/11/2014 27/11/2014 |
| 26/11/2014 | 4.34 | 2.3 | 7.1 | 10 | <1 | 5.38 | 0.26 | 10/12/2014 11/12/2014 |
| 10/12/2014 | 1.20 | 3.7 | 7.1 | 9.2 | 8 | 2.77 | 0.42 | 19/12/2014 22/12/2014 |
| 23/12/2014 | 2.69 | 3.6 | 7.1 | 4.6 | 6 | 3.64 | 0.35 | 6/01/2015 7/01/2015 |
| 7/01/2015 | 4.92 | 2.6 | 7.1 | 6.8 | 15 | 6.06 | 0.46 | 21/01/2015 22/01/2015 |
| 21/01/2015 | 0.90 | 1.4 | 7.0 | 3.1 | 5 | 3.28 | 0.27 | 4/02/2015 5/02/2015 |
| 4/02/2015 | 3.00 | 4.2 | 7.2 | 11 | 11 | 4.91 | 1.16 | 18/02/2015 19/02/2015 |
| 18/02/2015 | 1.28 | 1.6 | 7.1 | 3.0 | 2 | 3.40 | 0.36 | 3/03/2015 4/03/2015 |
| 4/03/2015 | 1.09 | 1.6 | 7.0 | 8.0 | 1 | 4.21 | 0.43 | 17/03/2015 18/03/2015 |
| 18/03/2015 | 11.4 | 3.6 | 7.1 | 12 | 1 | 14.4 | 0.78 | 27/03/2015 30/03/2015 |

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31/03/2012 to 18/12/2024

| Pollutant | Ammonia | BOD5 | pH | Suspended Solids | Thermotolerant Coliforms | Total Nitrogen | Total Phosphorus | |
|------------|---------|---------|------------|------------------|--------------------------|----------------|------------------|--------------------------|
| Limits* | 5 / 10 | 15 / 35 | 6.5-8.5 | 20 / 40 | 200 / 600 | 15 / 25 | 1 / 3 | Received/ Published |
| Date | (mg/L) | (mg/L) | (pH units) | (mg/L) | (cfu/100ml) | (mg/L) | (mg/L) | |
| 1/04/2015 | 0.92 | <1.0 | 6.9 | 3.2 | 2 | 9.95 | 0.47 | 14/04/2015 16/04/2015 |
| 15/04/2015 | 1.03 | 2.0 | 6.9 | 5.6 | 2 | 7.05 | 0.29 | 29/04/2015 30/04/2015 |
| 29/04/2015 | 1.06 | 1.6 | 6.7 | 4.2 | 2 | 9.88 | 0.21 | 12/05/2015 14/05/2015 |
| 13/05/2015 | 1.03 | 1.0 | 7.0 | 3.7 | <1 | 5.01 | 0.20 | 26/05/2015 28/05/2015 |
| 27/05/2015 | 1.17 | 1.9 | 6.9 | 3.0 | 41 | 7.33 | 0.22 | 2/06/2015 4/06/2015 |
| 10/06/2015 | 1.50 | 1.9 | 7.1 | 2.4 | 3 | 12.8 | 0.21 | 24/06/2015 25/06/2015 |
| 24/06/2015 | 1.12 | <1.0 | 6.9 | 1.2 | 7 | 10.73 | 0.21 | 7/07/2015 8/07/2015 |
| 8/07/2015 | 1.39 | 2.6 | 6.9 | 2.6 | <1 | 9.22 | 0.22 | 21/07/2015 23/07/2015 |
| 22/07/2015 | 1.43 | 3.1 | 6.7 | 3.4 | 11 | 24.2 | 0.22 | 5/08/2015 6/08/2015 |
| 5/08/2015 | 1.44 | 3.2 | 7.1 | 3.4 | 1 | 8.47 | 0.35 | 18/08/2015 19/08/2015 |
| 19/08/2015 | 3.00 | 1.6 | 7.2 | 6.6 | 41 | 8.78 | 0.27 | 31/08/2015 1/09/2015 |
| 2/09/2015 | 1.40 | 2.2 | 6.9 | 4.2 | 9 | 10.8 | 0.31 | 9/09/2015 10/09/2015 |
| 16/09/2015 | 2.12 | 2.6 | 6.9 | 4.5 | 9 | 5.77 | 0.40 | 30/09/2015 1/10/2015 |
| 30/09/2015 | 2.13 | 4.0 | 7.0 | 8.2 | 12 | 4.63 | 0.45 | 8/10/2015 12/10/2015 |
| 14/10/2015 | 2.26 | 2.8 | 6.8 | 4.0 | 9 | 4.09 | 0.35 | 27/10/2015 28/10/2015 |
| 28/10/2015 | 2.1 | 3.0 | 7.0 | 4.6 | 3700 | 4.81 | 0.33 | 11/11/2015 12/11/2015 |
| 11/11/2015 | 1.84 | 1.8 | 6.8 | 3.4 | 19 | 6.24 | 0.19 | 25/11/2015 26/11/2015 |
| 25/11/2015 | 1.59 | 1.5 | 7.6 | 3.7 | 28 | 5.16 | 0.22 | 11/12/2015 14/12/2015 |
| 9/12/2015 | 1.37 | 2.0 | 6.9 | 4.4 | 3 | 3.27 | 0.24 | 23/12/2015 28/12/2015 |
| 23/12/2015 | 2.12 | 4.4 | 6.8 | 5.1 | <1 | 3.5 | 0.29 | 7/01/2016 21/01/2016 |
| 6/01/2016 | 3.4 | 3.8 | 6.8 | 7.2 | 31 | 4.77 | 0.31 | 15/01/2016 21/01/2016 |
| 20/01/2016 | 2.83 | 4.8 | 6.9 | 8.0 | 82 | 4.53 | 0.46 | 2/02/2016 25/02/2016 |
| 3/02/2016 | 1.84 | 2.0 | 6.9 | 5.8 | <1 | 3.36 | 0.27 | 17/02/2016 25/02/2016 |
| 17/02/2016 | 2.22 | 3.8 | 6.8 | 7.8 | 19 | 3.67 | 0.35 | 1/03/2016 3/03/2016 |
| 2/03/2016 | 2.72 | 2.8 | 6.8 | <1.0 | 52 | 6.84 | 0.4 | 9/03/2016 10/03/2016 |
| 16/03/2016 | 1.54 | 1.6 | 6.9 | 3.4 | 21 | 3.86 | 0.26 | 24/03/2016 28/03/2016 |
| 30/03/2016 | 3.02 | 3.4 | 7.1 | 12 | 23 | 4.29 | 0.48 | 12/04/2016 13/04/2016 |

WWTP Effluent Monitoring

31/03/2012 to 18/12/2024

| Pollutant | Ammonia | BOD5 | pH | Suspended Solids | Thermotolerant Coliforms | Total Nitrogen | Total Phosphorus | |
|------------|---------|---------|------------|------------------|--------------------------|----------------|------------------|--------------------------|
| Limits* | 5 / 10 | 15 / 35 | 6.5-8.5 | 20 / 40 | 200 / 600 | 15 / 25 | 1 / 3 | Received/ Published |
| Date | (mg/L) | (mg/L) | (pH units) | (mg/L) | (cfu/100ml) | (mg/L) | (mg/L) | |
| 13/04/2016 | 28.89 | 21 | 6.5 | 78 | <1 | 35.23 | 1.77 | 26/04/2016 27/04/2016 |
| 27/04/2016 | 2.9 | 1.2 | 6.8 | 3.0 | 12 | 11.06 | 0.14 | 10/05/2016 11/05/2016 |
| 11/05/2016 | 1.52 | 1.0 | 6.7 | 2.4 | 6 | 15.58 | 0.16 | 18/05/2016 19/05/2016 |
| 25/05/2016 | 2.19 | 2.0 | 6.9 | 2.2 | 3 | 4.31 | 0.24 | 7/06/2016 8/06/2016 |
| 8/06/2016 | 2.21 | 2.4 | 6.8 | 1.7 | 27 | 8.94 | 0.27 | 21/06/2016 23/06/2016 |
| 22/06/2016 | 2.49 | 1.8 | 7.0 | 2.6 | <1 | 6.81 | 0.28 | 30/06/2016 11/08/2016 |
| 6/07/2016 | 2.05 | 5.4 | 7.1 | 15 | 2 | 7.78 | 0.53 | 20/07/2016 11/08/2016 |
| 20/07/2016 | 1.39 | 2.2 | 7.1 | 3.2 | <1 | 4.23 | 0.35 | 27/07/2016 11/08/2016 |
| 3/08/2016 | 1.5 | 1.2 | 6.9 | 4.2 | 1 | 4.82 | 0.31 | 11/08/2016 15/08/2016 |
| 17/08/2016 | 1.6 | 1.0 | 7.1 | 4.5 | 10 | 4.58 | 0.3 | 30/08/2016 31/08/2016 |
| 31/08/2016 | 1.3 | 1.2 | 7.0 | 5.0 | 46 | 3.58 | 0.37 | 6/09/2016 7/09/2016 |
| 14/09/2016 | 1.41 | 1.8 | 7.0 | 4.0 | 1 | 3.38 | 0.31 | 21/09/2016 22/09/2016 |
| 28/09/2016 | 1.67 | 2.2 | 7.0 | 3.6 | <1 | 3.53 | 0.35 | 11/10/2016 12/10/2016 |
| 12/10/2016 | 0.77 | <1.0 | 6.9 | 1.2 | <1 | 2.45 | 0.17 | 19/10/2016 20/10/2016 |
| 26/10/2016 | 1.61 | <1.0 | 7.1 | 1.0 | <1 | 2.64 | 0.23 | 2/11/2016 3/11/2016 |
| 9/11/2016 | 0.9 | 1.6 | 7.1 | 8.0 | 1 | 3.27 | 0.44 | 16/11/2016 17/11/2016 |
| 23/11/2016 | 2.63 | <1.0 | 7.2 | 1.4 | <1 | 4.86 | 0.33 | 5/12/2016 6/12/2016 |
| 7/12/2016 | 0.89 | 2.0 | 6.8 | 12 | <1 | 9.44 | 0.3 | 14/12/2016 15/12/2016 |
| 21/12/2016 | 0.91 | 3.0 | 6.8 | 11.40 | 6 | 6.05 | 0.63 | 10/01/2017 11/01/2017 |
| 4/01/2017 | 2.37 | <1.0 | 7.0 | 2.0 | 3 | 3.76 | 0.37 | 18/01/2017 19/01/2017 |
| 18/01/2017 | 0.83 | <1.0 | 6.9 | 1.2 | <1 | 10.31 | 0.41 | 25/01/2017 26/01/2017 |
| 1/02/2017 | 0.99 | 1.0 | 7.0 | 3.0 | 5 | 7.75 | 0.95 | 8/02/2017 9/02/2017 |
| 15/02/2017 | 0.67 | <1.0 | 6.8 | 1.4 | 3 | 7.32 | 0.42 | 22/02/2017 23/02/2017 |
| 1/03/2017 | 1.12 | 2.2 | 6.8 | 6.2 | 35 | 7.91 | 0.33 | 8/03/2017 9/03/2017 |
| 15/03/2017 | 1.38 | 2.0 | 6.9 | 6.2 | 4 | 5.2 | 0.34 | 23/03/2017 27/03/2017 |
| 29/03/2017 | 0.68 | 1.2 | 7.0 | 2.4 | 2 | 3.75 | 0.21 | 6/04/2017 4/05/2017 |
| 12/04/2017 | 0.62 | 1.0 | 6.9 | 2.0 | 5 | 5.25 | 0.15 | 26/04/2017 4/05/2017 |

WWTP Effluent Monitoring

31/03/2012 to 18/12/2024

| Pollutant | Ammonia | BOD5 | pH | Suspended Solids | Thermotolerant Coliforms | Total Nitrogen | Total Phosphorus | |
|------------|---------|---------|------------|------------------|--------------------------|----------------|------------------|--------------------------|
| Limits* | 5 / 10 | 15 / 35 | 6.5-8.5 | 20 / 40 | 200 / 600 | 15 / 25 | 1 / 3 | Received/ Published |
| Date | (mg/L) | (mg/L) | (pH units) | (mg/L) | (cfu/100ml) | (mg/L) | (mg/L) | |
| 26/04/2017 | 2.7 | 2.0 | 6.9 | 3.0 | 38 | 4.69 | 0.22 | 3/05/2017 4/05/2017 |
| 10/05/2017 | 1.19 | 1.6 | 6.9 | 2.6 | 86 | 6.13 | 0.21 | 23/05/2017 25/05/2017 |
| 24/05/2017 | 0.8 | 2.8 | 6.9 | 5.4 | 96 | 4.53 | 0.26 | 30/05/2017 31/05/2017 |
| 7/06/2017 | 1.47 | 2.1 | 6.8 | 2.8 | 16 | 8.24 | 0.26 | 15/06/2017 19/06/2017 |
| 21/06/2017 | 0.76 | <1.0 | 6.8 | 1.0 | 2 | 4.06 | 0.16 | 29/06/2017 3/07/2017 |
| 5/07/2017 | 1.16 | 2.4 | 6.9 | 4.6 | 8 | 5.99 | 0.22 | 18/07/2017 19/07/2017 |
| 19/07/2017 | 1.11 | 2.8 | 6.7 | 6.8 | 2 | 7.41 | 0.26 | 1/08/2017 2/08/2017 |
| 2/08/2017 | 1.32 | 2.4 | 6.7 | 5.7 | 4 | 7.51 | 0.27 | 10/08/2017 14/08/2017 |
| 16/08/2017 | 1.8 | 2.0 | 6.8 | 2.6 | 54 | 3.39 | 0.23 | 29/08/2017 30/08/2017 |
| 30/08/2017 | 2.43 | 3.6 | 6.8 | 4.0 | 56 | 3.51 | 0.32 | 7/09/2017 11/09/2017 |
| 13/09/2017 | 2.33 | 1.0 | 6.7 | 2.8 | 36 | 3.76 | 0.27 | 21/09/2017 12/10/2017 |
| 27/09/2017 | 2.43 | 2.4 | 6.9 | 6.4 | <1 | 3.66 | 0.33 | 5/10/2017 12/10/2017 |
| 11/10/2017 | 1.37 | <1.0 | 6.8 | <1.0 | 1 | 2.44 | 0.14 | 25/10/2017 26/10/2017 |
| 25/10/2017 | 1 | 1.2 | 6.8 | 6.8 | <1 | 2.78 | 0.24 | 2/11/2017 6/11/2017 |
| 8/11/2017 | 1.55 | 2.1 | 6.8 | 5.2 | 3 | 2.89 | 0.25 | 16/11/2017 13/12/2017 |
| 22/11/2017 | 1.58 | 2.2 | 7.1 | 6.8 | 1 | 3.89 | 0.25 | 30/11/2017 13/12/2017 |
| 6/12/2017 | 1.63 | 1.6 | 7.0 | 3.6 | 1 | 3.54 | 0.21 | 14/12/2017 18/12/2017 |
| 20/12/2017 | 1.11 | 2.4 | 7.2 | 3.2 | 62 | 3.35 | 0.22 | 28/12/2017 1/01/2018 |
| 3/01/2018 | 2.66 | 2.2 | 7.2 | 4.2 | 8 | 4.42 | 0.25 | 16/01/2018 17/01/2018 |
| 17/01/2018 | 1.5 | 1.6 | 6.9 | 4.4 | 3 | 15.92 | 0.2 | 25/01/2018 29/01/2018 |
| 31/01/2018 | 4.6 | 1.8 | 7.1 | 5.2 | 5 | 8.53 | 0.29 | 8/02/2018 12/02/2018 |
| 14/02/2018 | 1.27 | 1.3 | 6.9 | 4.8 | 15 | 7.64 | 0.22 | 22/02/2018 26/02/2018 |
| 28/02/2018 | 8.03 | 2.6 | 7.0 | 12 | 1 | 9.79 | 0.43 | 6/03/2018 7/03/2018 |
| 14/03/2018 | 1.89 | 1.4 | 6.9 | 3.6 | 2 | 4.76 | 0.13 | 22/03/2018 26/03/2018 |
| 28/03/2018 | 0.62 | 1.4 | 7.1 | 1.0 | 2 | 3.32 | 0.13 | 5/04/2018 9/04/2018 |
| 11/04/2018 | 0.99 | 1.4 | 7.0 | 1.8 | 7 | 2.78 | 0.18 | 18/04/2018 19/04/2018 |
| 26/04/2018 | 1.44 | 1.6 | 7.1 | 2.6 | <1 | 2.55 | 0.19 | 8/05/2018 9/05/2018 |

WWTP Effluent Monitoring

31/03/2012 to 18/12/2024



| Pollutant | Ammonia | BOD5 | pH | Suspended Solids | Thermotolerant Coliforms | Total Nitrogen | Total Phosphorus | |
|------------|---------|---------|------------|------------------|--------------------------|----------------|------------------|--------------------------|
| Limits* | 5 / 10 | 15 / 35 | 6.5-8.5 | 20 / 40 | 200 / 600 | 15 / 25 | 1 / 3 | Received/ |
| Date | (mg/L) | (mg/L) | (pH units) | (mg/L) | (cfu/100ml) | (mg/L) | (mg/L) | Published |
| 9/05/2018 | 1.69 | 1.0 | 7.2 | 2.2 | 14 | 3.14 | 0.23 | 16/05/2018 17/05/2018 |
| 23/05/2018 | 1.56 | 1.4 | 6.9 | 3.2 | 7 | 7 | 0.2 | 29/05/2018 30/05/2018 |
| 6/06/2018 | 1.12 | 2.8 | 7.0 | 7.8 | <1 | 4.57 | 0.3 | 14/06/2018 18/06/2018 |
| 20/06/2018 | 1.63 | 1.4 | 7.0 | 1.8 | 2 | 2.99 | 0.16 | 28/06/2018 5/07/2018 |
| 4/07/2018 | 1.25 | 2.0 | 6.9 | 2.8 | <1 | 5.44 | 0.18 | 12/07/2018 16/07/2018 |
| 18/07/2018 | 1.35 | 1.4 | 7.1 | 1.4 | 5 | 2.99 | 0.22 | 26/07/2018 30/07/2018 |
| 1/08/2018 | 1.55 | 1.8 | 7.0 | 1.6 | 6 | 2.54 | 0.19 | 14/08/2018 15/08/2018 |
| 15/08/2018 | 1.35 | 2.1 | 7.0 | 2 | 2 | 2.36 | 0.18 | 28/08/2018 29/08/2018 |
| 29/08/2018 | 2.06 | 2.0 | 7.0 | 2 | 2 | 2.97 | 0.23 | 11/09/2018 12/09/2018 |
| 12/09/2018 | 1.91 | 1.2 | 6.9 | 1.6 | 2 | 2.9 | 0.17 | 25/09/2018 26/09/2018 |
| 26/09/2018 | 2.61 | 2.0 | 7.0 | <1.0 | 7 | 3.51 | 0.20 | 4/10/2018 8/10/2018 |
| 10/10/2018 | 1.54 | 2.4 | 7.2 | 1.2 | 16 | 4.25 | 0.65 | 18/10/2018 22/10/2018 |
| 24/10/2018 | 0.84 | 2.6 | 7.1 | 7.8 | 3 | 2.21 | 1.17 | 8/11/2018 12/11/2018 |
| 7/11/2018 | 0.97 | 3.2 | 6.7 | 4.4 | 624 | 5.08 | 0.39 | 15/11/2018 19/11/2018 |
| 21/11/2018 | 1.09 | 1.2 | 6.6 | 1.4 | 1 | 3.79 | 0.17 | 9/01/2019 10/01/2019 |
| 5/12/2018 | 1.46 | 1.0 | 6.9 | 2.0 | <1 | 2.59 | 0.19 | 19/12/2018 20/12/2018 |
| 19/12/2018 | 1.74 | 3.4 | 6.8 | 3.4 | 9 | 2.81 | 0.24 | 31/12/2018 1/01/2019 |
| 2/01/2019 | 2.84 | 2.2 | 7.2 | 1.8 | <1 | 3.97 | 0.35 | 15/01/2019 16/01/2019 |
| 16/01/2019 | 2.15 | 2.0 | 7.2 | 2.4 | 13 | 3.17 | 0.43 | 24/01/2019 28/01/2019 |
| 30/01/2019 | 2.58 | 3.8 | 7.06 | 3 | 12 | 3.77 | 0.47 | 5/02/2019 6/02/2019 |
| 13/02/2019 | 1.99 | 2.6 | 7.1 | 3.6 | 84 | 3.01 | 0.4 | 21/02/2019 25/02/2019 |
| 27/02/2019 | 2.36 | 1.0 | 7.0 | 3 | 1 | 9.12 | 0.33 | 7/03/2019 11/03/2019 |
| 13/03/2019 | 0.93 | 1.8 | 6.9 | 3.4 | 22 | 3.45 | 0.45 | 19/03/2019 20/03/2019 |
| 27/03/2019 | 1.53 | 2.0 | 7.0 | 1.6 | 9 | 2.47 | 0.33 | 2/04/2019 3/04/2019 |
| 10/04/2019 | 2.18 | 2.8 | 6.9 | 2.6 | 12 | 3.98 | 0.36 | 23/04/2019 24/04/2019 |
| 24/04/2019 | 2.02 | 2.0 | 7.1 | 5.4 | 2 | 3.4 | 0.46 | 2/05/2019 6/05/2019 |
| 8/05/2019 | 2.48 | 2.2 | 7.0 | 4.2 | 2 | 3.68 | 0.35 | 15/05/2019 16/05/2019 |

WWTP Effluent Monitoring

31/03/2012 to 18/12/2024

| Pollutant | Ammonia | BOD5 | pH | Suspended Solids | Thermotolerant Coliforms | Total Nitrogen | Total Phosphorus | |
|------------|---------|---------|------------|------------------|--------------------------|----------------|------------------|--------------------------|
| Limits* | 5 / 10 | 15 / 35 | 6.5-8.5 | 20 / 40 | 200 / 600 | 15 / 25 | 1 / 3 | Received/ Published |
| Date | (mg/L) | (mg/L) | (pH units) | (mg/L) | (cfu/100ml) | (mg/L) | (mg/L) | |
| 22/05/2019 | 1.96 | 2.2 | 6.9 | 2.6 | 1 | 3.94 | 0.26 | 30/05/2019 3/06/2019 |
| 5/06/2019 | 1.30 | 1.6 | 6.8 | 3.0 | <1 | 11.4 | 0.22 | 12/06/2019 13/06/2019 |
| 19/06/2019 | 2.30 | 2.4 | 7.1 | 5.1 | 8 | 4.57 | 0.26 | 25/06/2019 26/06/2019 |
| 3/07/2019 | 1.49 | 3.2 | 7.2 | 6.0 | 8 | 2.86 | 0.23 | 11/07/2019 15/07/2019 |
| 17/07/2019 | 2.29 | 4.6 | 7.0 | 5.0 | 2 | 3.40 | 0.31 | 25/07/2019 29/07/2019 |
| 31/07/2019 | 2.84 | 4.6 | 7.0 | 5.2 | 43 | 4.06 | 0.35 | 6/08/2019 7/08/2019 |
| 14/08/2019 | 3.60 | 6.0 | 7.1 | 5.8 | 60 | 4.72 | 0.45 | 20/08/2019 21/08/2019 |
| 28/08/2019 | 2.66 | 2.6 | 6.9 | 2.2 | 13 | 3.73 | 0.28 | 3/09/2019 4/09/2019 |
| 11/09/2019 | 3.43 | 2.0 | 7.1 | 2.8 | 78 | 4.57 | 0.33 | 18/09/2019 19/09/2019 |
| 25/09/2019 | 2.46 | 1.2 | 7.0 | <1.0 | 41 | 4.73 | 0.22 | 1/10/2019 2/10/2019 |
| 9/10/2019 | 1.49 | 1.0 | 6.7 | 1.8 | 380 | 2.51 | 0.15 | 15/10/2019 16/10/2019 |
| 23/10/2019 | 2.24 | 1.2 | 6.9 | 3.0 | <1 | 4.26 | 0.18 | 29/10/2019 30/10/2019 |
| 6/11/2019 | 1.42 | 1.8 | 6.8 | 2.8 | 3 | 5.58 | 0.17 | 12/11/2019 13/11/2019 |
| 20/11/2019 | 1.66 | 2.6 | 6.9 | 3.0 | 9 | 6.46 | 0.16 | 26/11/2019 27/11/2019 |
| 4/12/2019 | 1.94 | <1.0 | 6.8 | 3.0 | 4 | 3.33 | 0.15 | 10/12/2019 11/12/2019 |
| 18/12/2019 | 4.57 | 3.8 | 7.0 | 3.6 | 2 | 5.65 | 0.22 | 23/12/2019 24/12/2019 |
| 2/01/2020 | 4.34 | 2.2 | 6.8 | 2.4 | 5 | 5.43 | 0.15 | 13/01/2020 11/02/2020 |
| 15/01/2020 | 5.68 | 3.0 | 6.9 | 4.2 | 1 | 6.78 | 0.36 | 28/01/2020 11/02/2020 |
| 29/01/2020 | 1.52 | 1.0 | 7.1 | 3.6 | 25 | 5.94 | 0.21 | 4/02/2020 11/02/2020 |
| 12/02/2020 | 1.80 | 4.0 | 6.8 | 6.6 | 11 | 9.06 | 0.28 | 25/02/2020 26/02/2020 |
| 26/02/2020 | 2.66 | 4.2 | 6.7 | 8.2 | 1 | 13.3 | 0.32 | 5/03/2020 9/03/2020 |
| 11/03/2020 | 1.47 | 2.8 | 6.9 | 6.3 | 4 | 3.41 | 0.33 | 25/03/2020 26/03/2020 |
| 25/03/2020 | 2.15 | 4.6 | 6.8 | 9.8 | 5 | 3.78 | 0.42 | 7/04/2020 8/04/2020 |
| 8/04/2020 | 2.50 | 1.8 | 6.8 | 3.8 | 6 | 6.33 | 0.21 | 21/04/2020 22/04/2020 |
| 22/04/2020 | 14.0 | 5.4 | 7.2 | 6.0 | 23 | 20.4 | 0.52 | 2/05/2020 4/05/2020 |
| 6/05/2020 | 3.02 | 1.0 | 7.0 | 3.5 | 4 | 11.7 | 0.25 | 13/05/2020 14/05/2020 |
| 20/05/2020 | 2.36 | <1.0 | 7.3 | 2.2 | 4 | 5.49 | 0.20 | 28/05/2020 1/06/2020 |

WWTP Effluent Monitoring

31/03/2012 to 18/12/2024

| Pollutant | Ammonia | BOD5 | pH | Suspended Solids | Thermotolerant Coliforms | Total Nitrogen | Total Phosphorus | |
|------------|---------|---------|------------|------------------|--------------------------|----------------|------------------|--------------------------|
| Limits* | 5 / 10 | 15 / 35 | 6.5-8.5 | 20 / 40 | 200 / 600 | 15 / 25 | 1 / 3 | Received/ |
| Date | (mg/L) | (mg/L) | (pH units) | (mg/L) | (cfu/100ml) | (mg/L) | (mg/L) | Published |
| 3/06/2020 | 1.95 | <1.0 | 7.1 | 2.4 | 1 | 3.53 | 0.19 | 10/06/2020 11/06/2020 |
| 17/06/2020 | 3.07 | 3.2 | 7.0 | 3.0 | 4 | 4.04 | 0.26 | 30/06/2020 1/07/2020 |
| 1/07/2020 | 2.35 | 2.8 | 7.0 | 4.0 | 4 | 4.70 | 0.25 | 9/07/2020 13/07/2020 |
| 15/07/2020 | 2.79 | 3.0 | 6.9 | 3.4 | 8 | 3.76 | 0.20 | 23/07/2020 27/07/2020 |
| 29/07/2020 | 1.70 | 3.0 | 6.9 | 5.2 | 64 | 2.53 | 0.20 | 11/08/2020 12/08/2020 |
| 12/08/2020 | 2.64 | 4.0 | 7.0 | 3.6 | 72 | 4.90 | 0.35 | 17/08/2020 18/08/2020 |
| 26/08/2020 | 2.07 | 3.2 | 6.9 | 6.0 | 31 | 4.18 | 0.26 | 1/09/2020 2/09/2020 |
| 9/09/2020 | 2.55 | 2.8 | 6.9 | 4.0 | 5 | 3.80 | 0.23 | 15/09/2020 16/09/2020 |
| 23/09/2020 | 1.95 | 2.6 | 7.2 | 4.4 | 28 | 3.22 | 0.25 | 30/09/2020 1/10/2020 |
| 7/10/2020 | 1.67 | 1.8 | 7.1 | 3.4 | 16 | 2.82 | 0.20 | 20/10/2020 21/10/2020 |
| 21/10/2020 | 2.45 | 2.8 | 7.0 | 4.0 | 23 | 3.79 | 0.27 | 27/10/2020 28/10/2020 |
| 4/11/2020 | 3.58 | 3.2 | 7.1 | 3.4 | 5 | 4.54 | 0.23 | 17/11/2020 18/11/2020 |
| 18/11/2020 | 2.48 | 2.2 | 6.9 | 1.6 | 2 | 3.39 | 0.27 | 26/11/2020 30/11/2020 |
| 2/12/2020 | 2.26 | 1.4 | 6.8 | 3.2 | 4 | 3.26 | 0.21 | 10/12/2020 14/12/2020 |
| 16/12/2020 | 5.40 | 6.9 | 7.1 | 4.6 | 8 | 8.52 | 0.24 | 22/12/2020 23/12/2020 |
| 30/12/2020 | 3.26 | 2.2 | 7.2 | 3.6 | 56 | 4.37 | 0.27 | 5/01/2021 6/01/2021 |
| 13/01/2021 | 2.63 | 3.8 | 7.1 | 3.8 | 1 | 3.86 | 0.27 | 21/01/2021 25/01/2021 |
| 27/01/2021 | 1.94 | 2.0 | 7.0 | 3.4 | 4 | 2.76 | 0.25 | 9/02/2021 10/02/2021 |
| 10/02/2021 | 2.82 | 1.2 | 7.0 | 4.6 | 7 | 3.92 | 0.31 | 15/02/2021 16/02/2021 |
| 24/02/2021 | 2.16 | 4.0 | 7.1 | 5.6 | 89 | 3.06 | 0.35 | 2/03/2021 3/03/2021 |
| 10/03/2021 | 2.01 | 1.2 | 7.0 | 6.2 | 27 | 3.08 | 0.38 | 17/03/2021 18/03/2021 |
| 24/03/2021 | 0.85 | 3.4 | 7.0 | 5.6 | <1 | 2.70 | 0.26 | 6/04/2021 7/04/2021 |
| 7/04/2021 | 1.48 | 8.0 | 7.0 | 7.6 | 1 | 2.74 | 0.36 | 21/04/2021 22/04/2021 |
| 21/04/2021 | 3.46 | 6.4 | 7.4 | 6.0 | 112 | 4.28 | 0.38 | 27/04/2021 28/04/2021 |
| 5/05/2021 | 2.87 | 4.0 | 7.0 | 3.6 | 92 | 4.12 | 0.37 | 14/05/2021 17/05/2021 |
| 19/05/2021 | 3.21 | 4.8 | 7.0 | 5.2 | 58 | 4.92 | 0.33 | 26/05/2021 27/05/2021 |
| 2/06/2021 | 2.42 | 2.2 | 6.8 | 4.2 | 28 | 13.0 | 0.22 | 10/06/2021 14/06/2021 |

WWTP Effluent Monitoring

31/03/2012 to 18/12/2024



| Pollutant | Ammonia | BOD5 | pH | Suspended Solids | Thermotolerant Coliforms | Total Nitrogen | Total Phosphorus | Received/ Published |
|------------|------------------|-------------------|-----------------------|-------------------|--------------------------|-------------------|------------------|--------------------------|
| Limits* | 5 / 10 (mg/L) | 15 / 35 (mg/L) | 6.5-8.5 (pH units) | 20 / 40 (mg/L) | 200 / 600 (cfu/100ml) | 15 / 25 (mg/L) | 1 / 3 (mg/L) | Received/ Published |
| 16/06/2021 | 2.78 | 1.2 | 6.8 | 1.8 | 55 | 5.76 | 0.22 | 22/06/2021 23/06/2021 |
| 30/06/2021 | 2.60 | 1.0 | 7.0 | 3.0 | <1 | 3.55 | 0.18 | 8/07/2021 12/07/2021 |
| 14/07/2021 | 3.79 | 3.0 | 7.0 | 3.0 | 57 | 4.69 | 0.31 | 27/07/2021 28/07/2021 |
| 28/07/2021 | 3.06 | 2.6 | 7.0 | 2.6 | 33 | 4.24 | 0.27 | 6/08/2021 9/08/2021 |
| 11/08/2021 | 2.59 | <1.0 | 6.8 | 3.2 | 96 | 3.86 | 0.22 | 18/08/2021 19/08/2021 |
| 25/08/2021 | 2.92 | 2.7 | 6.8 | 2.2 | 6 | 4.49 | 0.21 | 31/08/2021 1/09/2021 |
| 8/09/2021 | 2.82 | 2.1 | 6.8 | 2.8 | 4 | 16.5 | 0.12 | 16/09/2021 20/09/2021 |
| 22/09/2021 | 3.67 | 2.7 | 6.6 | 1.8 | <1 | 4.53 | 0.17 | 5/10/2021 6/10/2021 |
| 6/10/2021 | 9.13 | 3.0 | 7.1 | 5.0 | 380 | 9.94 | 0.29 | 14/10/2021 18/10/2021 |
| 20/10/2021 | 2.49 | 2.1 | 7.1 | 3.0 | 2 | 4.33 | 0.18 | 3/11/2021 4/11/2021 |
| 3/11/2021 | 4.97 | 7.5 | 7.1 | 4.8 | 110 | 5.82 | 0.43 | 16/11/2021 17/11/2021 |
| 17/11/2021 | 4.29 | 2.7 | 7.0 | 2.8 | 12 | 5.43 | 0.22 | 23/11/2021 24/11/2021 |
| 1/12/2021 | 4.22 | 3.9 | 7.1 | 9.2 | 198 | 6.26 | 0.34 | 14/12/2021 15/12/2021 |
| 15/12/2021 | 2.28 | 1.8 | 7.1 | 2.2 | 31 | 3.37 | 0.26 | 23/12/2021 27/12/2021 |
| 29/12/2021 | 6.05 | 3.0 | 7.0 | 4.4 | 98 | 7.37 | 0.28 | 4/01/2022 5/01/2022 |
| 12/01/2022 | 3.02 | 2.4 | 7.2 | 3.8 | 18 | 3.89 | 0.29 | 19/01/2022 20/01/2022 |
| 25/01/2022 | 2.60 | 2.7 | 7.0 | 3.8 | 108 | 3.52 | 0.28 | 1/02/2022 2/02/2022 |
| 9/02/2022 | 2.75 | 1.5 | 7.1 | 4.2 | 87 | 3.70 | 0.34 | 16/02/2022 17/02/2022 |
| 23/02/2022 | 1.65 | 1.8 | 7.0 | 1.6 | 14 | 2.25 | 0.27 | 9/03/2022 10/03/2022 |
| 9/03/2022 | 13.9 | 14 | 7.1 | 14 | 90000 | 15.8 | 0.83 | 16/03/2022 17/03/2022 |
| 23/03/2022 | 1.38 | 1.2 | 7.4 | 2.6 | 2 | 8.80 | 0.19 | 29/03/2022 30/03/2022 |
| 6/04/2022 | 1.36 | 2.4 | 7.0 | 27 | 23 | 3.11 | 0.35 | 12/04/2022 13/04/2022 |
| 20/04/2022 | 1.25 | <1.0 | 7.2 | 2.4 | 84 | 7.83 | 0.13 | 3/05/2022 4/05/2022 |
| 4/05/2022 | 1.45 | <1.0 | 6.9 | <1 | 9 | 16.7 | 0.13 | 13/05/2022 16/05/2022 |
| 18/05/2022 | 1.16 | 1.8 | 6.9 | 3.4 | 410 | 2.01 | 0.17 | 25/05/2022 1/09/2022 |
| 1/06/2022 | 1.86 | 1.2 | 7.2 | 3.7 | 74 | 4.03 | 0.24 | 9/06/2022 1/09/2022 |
| 15/06/2022 | 1.37 | <1.0 | 7.0 | 2.2 | 82 | 11.4 | 0.23 | 28/06/2022 1/09/2022 |

WWTP Effluent Monitoring

31/03/2012 to 18/12/2024

| Pollutant | Ammonia | BOD5 | pH | Suspended Solids | Thermotolerant Coliforms | Total Nitrogen | Total Phosphorus | |
|------------|---------|---------|------------|------------------|--------------------------|----------------|------------------|--------------------------|
| Limits* | 5 / 10 | 15 / 35 | 6.5-8.5 | 20 / 40 | 200 / 600 | 15 / 25 | 1 / 3 | Received/ |
| Date | (mg/L) | (mg/L) | (pH units) | (mg/L) | (cfu/100ml) | (mg/L) | (mg/L) | Published |
| 29/06/2022 | 1.52 | <1.0 | 6.8 | 4.8 | 31 | 11.9 | 0.21 | 19/07/2022 1/09/2022 |
| 13/07/2022 | 2.04 | 5.4 | 7.4 | 5.8 | 125000 | 3.23 | 0.31 | 20/07/2022 1/09/2022 |
| 27/07/2022 | 1.70 | 3.0 | 7.2 | 4.0 | 28 | 3.29 | 0.32 | 2/08/2022 1/09/2022 |
| 10/08/2022 | 1.81 | 2.7 | 7.2 | 4.7 | 44 | 3.12 | 0.69 | 24/08/2022 1/09/2022 |
| 24/08/2022 | 2.10 | 6.6 | 7.1 | 4.8 | 80 | 3.26 | 0.57 | 1/09/2022 5/09/2022 |
| 7/09/2022 | 3.02 | 7.5 | 7.2 | 11 | 950 | 4.54 | 0.67 | 19/09/2022 20/09/2022 |
| 21/09/2022 | 3.22 | 7.8 | 7.2 | 6.0 | | 4.66 | 0.63 | 29/09/2022 3/10/2022 |
| 5/10/2022 | 1.47 | <1.0 | 7.0 | 6.0 | <1 | 2.92 | 0.42 | 18/10/2022 19/10/2022 |
| 20/10/2022 | 0.46 | 1.2 | 7.0 | 2.4 | <1 | 3.55 | 0.30 | 25/10/2022 26/10/2022 |
| 2/11/2022 | 1.08 | <1.0 | 7.1 | 3.8 | 280 | 2.28 | 0.33 | 15/11/2022 16/11/2022 |
| 16/11/2022 | 1.52 | <1.0 | 7.0 | <1 | 28 | 3.09 | 0.29 | 23/11/2022 24/11/2022 |
| 30/11/2022 | 1.57 | 1.2 | 7.2 | 1.2 | 50 | 2.83 | 0.30 | 8/12/2022 12/12/2022 |
| 14/12/2022 | 1.29 | 1.5 | 7.2 | 2.0 | 61 | 4.14 | 0.48 | 28/12/2022 29/12/2022 |
| 28/12/2022 | 2.05 | <1.0 | 7.1 | 3.0 | 840 | 3.48 | 0.54 | 13/01/2023 16/01/2023 |
| 11/01/2023 | 1.52 | <1.0 | 7.1 | 2.0 | 51 | 2.60 | 0.48 | 23/01/2023 24/01/2023 |
| 25/01/2023 | 1.70 | <1.0 | 7.2 | <1 | 40 | 2.78 | 0.43 | 7/02/2023 8/02/2023 |
| 8/02/2023 | 1.14 | <1.0 | 7.0 | 1 | 2 | 2.09 | 0.34 | 21/02/2023 22/02/2023 |
| 22/02/2023 | 26.6 | 7.5 | 7.4 | 10 | 120 | 27.8 | 0.41 | 1/03/2023 2/03/2023 |
| 1/03/2023 | 5.12 | 1.5 | 7.2 | 5.3 | 16 | 7.75 | 0.40 | 14/03/2023 15/03/2023 |
| 8/03/2023 | 1.92 | <1.0 | 7.2 | 1.8 | 28 | 3.41 | 0.60 | 14/03/2023 15/03/2023 |
| 22/03/2023 | 1.25 | 1.2 | 6.9 | 1 | 9 | 2.23 | 0.31 | 4/04/2023 5/04/2023 |
| 5/04/2023 | 1.64 | <1.0 | 6.9 | 1.6 | 12 | 2.78 | 0.30 | 12/04/2023 13/04/2023 |
| 19/04/2023 | 2.43 | 1.5 | 6.9 | <1 | 21 | 3.43 | 0.40 | 26/04/2023 1/05/2023 |
| 3/05/2023 | 2.60 | 4.5 | 7.0 | 2.4 | 18 | 3.58 | 0.35 | 10/05/2023 11/05/2023 |
| 17/05/2023 | 1.85 | 1.5 | 6.9 | 3.2 | 390 | 4.04 | 0.36 | 24/05/2023 25/05/2023 |
| 18/05/2023 | | | | | 188 | | | 19/05/2023 22/05/2023 |
| 31/05/2023 | 1.99 | 2.1 | 7.0 | 1.6 | <1 | 8.73 | 0.37 | 8/06/2023 12/06/2023 |

WWTP Effluent Monitoring

31/03/2012 to 18/12/2024

| Pollutant | Ammonia | BOD5 | pH | Suspended Solids | Thermotolerant Coliforms | Total Nitrogen | Total Phosphorus | |
|------------|---------|---------|------------|------------------|--------------------------|----------------|------------------|--------------------------|
| Limits* | 5 / 10 | 15 / 35 | 6.5-8.5 | 20 / 40 | 200 / 600 | 15 / 25 | 1 / 3 | Received/ Published |
| Date | (mg/L) | (mg/L) | (pH units) | (mg/L) | (cfu/100ml) | (mg/L) | (mg/L) | |
| 14/06/2023 | 2.70 | <1.0 | 7.0 | <1 | 4 | 6.09 | 0.30 | 22/06/2023 26/06/2023 |
| 28/06/2023 | 2.44 | 1.2 | 7.0 | <1 | 3 | 5.15 | 0.30 | 4/07/2023 5/07/2023 |
| 12/07/2023 | 2.62 | <1.0 | 7.0 | <1 | 16 | 3.39 | 0.34 | 21/07/2023 24/07/2023 |
| 26/07/2023 | 2.40 | 1.5 | 6.9 | 2.8 | 14 | 3.48 | 0.26 | 1/08/2023 2/08/2023 |
| 9/08/2023 | 2.44 | <1.0 | 7.0 | 1.2 | 40 | 3.60 | 0.28 | 16/08/2023 17/08/2023 |
| 23/08/2023 | 1.80 | <1.0 | 7.0 | <1 | <10 | 2.69 | 0.36 | 5/09/2023 6/09/2023 |
| 6/09/2023 | 1.99 | 1.8 | 7.0 | <1 | 8 | 3.04 | 0.53 | 19/09/2023 20/09/2023 |
| 20/09/2023 | 2.59 | <1.0 | 7.1 | <1 | 8 | 3.55 | 0.57 | 27/09/2023 28/09/2023 |
| 4/10/2023 | 3.10 | 1.8 | 7.1 | 2.2 | <10 | 4.24 | 1.36 | 10/10/2023 11/10/2023 |
| 18/10/2023 | 3.02 | <1.0 | 7.1 | 3.0 | 20 | 4.05 | 0.91 | 26/10/2023 30/10/2023 |
| 2/11/2023 | 2.47 | <1.0 | 6.9 | 2.0 | <1 | 3.61 | 0.59 | 13/11/2023 14/11/2023 |
| 15/11/2023 | 3.43 | <1.0 | 6.9 | 2 | 30 | 4.26 | 0.37 | 21/11/2023 22/11/2023 |
| 29/11/2023 | 3.15 | <1.0 | 6.8 | 4 | <10 | 4.14 | 0.31 | 6/12/2023 7/12/2023 |
| 13/12/2023 | 2.63 | 1.5 | 6.8 | 2 | <10 | 3.52 | 0.37 | 20/12/2023 21/12/2023 |
| 27/12/2023 | 4.31 | 3.6 | 6.8 | 6 | 80 | 5.41 | 0.43 | 9/01/2024 10/01/2024 |
| 10/01/2024 | 3.15 | 2.7 | 6.8 | 4 | 26 | 3.98 | 0.35 | 17/01/2024 18/01/2024 |
| 24/01/2024 | 1.86 | <1.0 | 6.9 | 3 | 64 | 2.53 | 0.39 | 30/01/2024 31/01/2024 |
| 7/02/2024 | 2.13 | 2.7 | 6.7 | 1 | 2 | 2.72 | 0.37 | 16/02/2024 19/02/2024 |
| 21/02/2024 | 1.79 | 1.5 | 6.9 | 1 | 32 | 2.48 | 0.32 | 29/02/2024 4/03/2024 |
| 6/03/2024 | 1.85 | 1.5 | 6.8 | 2 | 81 | 3.82 | 0.38 | 13/03/2024 14/03/2024 |
| 21/03/2024 | 2.68 | 1.8 | 6.7 | 12 | 9 | 17.5 | 0.59 | 2/04/2024 3/04/2024 |
| 3/04/2024 | 1.98 | <1.0 | 6.8 | 3 | 17 | 3.61 | 0.27 | 16/04/2024 17/04/2024 |
| 17/04/2024 | 1.82 | 1.2 | 6.8 | 2 | 25 | 3.69 | 0.27 | 24/04/2024 25/04/2024 |
| 1/05/2024 | 2.54 | 9.0 | 7.0 | 2 | 24 | 3.33 | 0.28 | 7/05/2024 8/05/2024 |
| 15/05/2024 | 1.99 | 1.8 | 7.0 | 3 | 4 | 3.88 | 0.37 | 21/05/2024 22/05/2024 |
| 29/05/2024 | 2.62 | 3.9 | 7.0 | 5 | 6 | 7.44 | 0.32 | 4/06/2024 5/06/2024 |
| 12/06/2024 | 2.88 | 2.1 | 6.9 | 2 | 9 | 6.37 | 0.32 | 19/06/2024 20/06/2024 |

WWTP Effluent Monitoring

31/03/2012 to 18/12/2024

| Pollutant | Ammonia | BOD5 | pH | Suspended Solids | Thermotolerant Coliforms | Total Nitrogen | Total Phosphorus | |
|------------|---------|---------|------------|------------------|--------------------------|----------------|------------------|--------------------------|
| Limits* | 5 / 10 | 15 / 35 | 6.5-8.5 | 20 / 40 | 200 / 600 | 15 / 25 | 1 / 3 | Received/ Published |
| Date | (mg/L) | (mg/L) | (pH units) | (mg/L) | (cfu/100ml) | (mg/L) | (mg/L) | |
| 26/06/2024 | 2.58 | 1.2 | 6.9 | 1.6 | 11 | 6.48 | 0.24 | 2/07/2024 3/07/2024 |
| 10/07/2024 | 2.09 | <1.0 | 6.9 | 1.4 | 2720 | 4.20 | 0.24 | 22/07/2024 23/07/2024 |
| 24/07/2024 | 3.15 | 2.1 | 7.0 | 3.0 | 2 | 6.69 | 0.29 | 30/07/2024 31/07/2024 |
| 7/08/2024 | 2.62 | 3.3 | 7.1 | 3.8 | 37 | 3.70 | 0.35 | 20/08/2024 21/08/2024 |
| 21/08/2024 | 1.56 | 2.4 | 7.0 | 2.4 | 5 | 2.56 | 0.24 | 28/08/2024 29/08/2024 |
| 4/09/2024 | 2.79 | 3.0 | 7.0 | 1.8 | 23 | 3.82 | 0.33 | 17/09/2024 9/10/2024 |
| 18/09/2024 | 3.23 | 6.3 | 6.9 | 4.4 | 10 | 4.50 | 0.31 | 25/09/2024 9/10/2024 |
| 2/10/2024 | 1.64 | 2.1 | 7.0 | 4.2 | 19 | 3.16 | 0.27 | 10/10/2024 14/10/2024 |
| 16/10/2024 | 1.73 | 1.2 | 7.0 | 1.6 | 21 | 3.20 | 0.21 | 28/10/2024 29/10/2024 |
| 30/10/2024 | 1.81 | 1.2 | 7.1 | <1 | 5 | 2.95 | 0.19 | 5/11/2024 6/11/2024 |
| 13/11/2024 | 1.04 | 1.8 | 7.0 | 1.4 | 8 | 2.03 | 0.18 | 21/11/2024 25/11/2024 |
| 27/11/2024 | 1.16 | 1.2 | 7.2 | <1 | 11 | 1.89 | 0.16 | 4/12/2024 5/12/2024 |
| 11/12/2024 | 1.53 | 2.4 | 7.0 | 4.2 | 44 | 2.93 | 0.23 | 17/12/2024 18/12/2024 |

*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.

The 90% limit means at least 90% of readings in the twelve month licence period should be below this value, i.e up to 10% of readings can exceed this value and the licence may still be complied with (provided the maximum limit has not also been exceeded). When looking at less than twelve months of data it is possible that more than 10% of readings may exceed the 90% limit while not indicating a failure to comply with licence limits.