

# WWTP Effluent Monitoring

31/03/2012 to 30/04/2025



Treatment Plant: Uki

EPA Licence Number: 12392

License Year: 12 December to 11 December

| Monitoring Point: UWWTP/Effluent EPA Point: Point 4 |         |         |              |            |                  |                            |                |                  |                          |
|-----------------------------------------------------|---------|---------|--------------|------------|------------------|----------------------------|----------------|------------------|--------------------------|
| Pollutant                                           | Ammonia | BOD5    | Oil & Grease | pH         | Suspended Solids | Suspended Solids Corrected | Total Nitrogen | Total Phosphorus |                          |
| Limits*                                             | 5 / 10  | 15 / 30 | 10 / 20      | 6.5-8.5    | 25 / 50          | 25 / 50                    | 30 / 60        | 6 / 12           | Received/                |
| Date                                                | (mg/L)  | (mg/L)  | (mg/L)       | (pH units) | (mg/L)           | (mg/L)                     | (mg/L)         | (mg/L)           | Published                |
| 4/04/2012                                           | 0.03    | 9.9     | 2            | 9.2        | 34               | 22                         | 3.97           | 0.85             | 20/04/2012<br>29/06/2012 |
| 18/04/2012                                          | 0.05    | 3.9     | 3            | 8.5        | 14               | 7.5                        | 2.97           | 0.64             | 4/05/2012<br>29/06/2012  |
| 2/05/2012                                           | <0.02   | 5.1     | 3            | 8.7        | 21               | 7.7                        | 3.24           | 0.58             | 16/05/2012<br>29/06/2012 |
| 16/05/2012                                          | 0.03    | 6.3     | <2.0         | 9.2        | 25               | 8.8                        | 2.56           | 0.83             | 25/05/2012<br>29/06/2012 |
| 30/05/2012                                          | 0.03    | 2.4     | <2.0         | 8.4        | 14               | 11                         | 2.27           | 0.70             | 7/06/2012<br>29/06/2012  |
| 13/06/2012                                          | 0.09    | 5.2     | 2            | 8.8        | 29               | 9.6                        | 2.89           | 1.04             | 27/06/2012<br>29/06/2012 |
| 27/06/2012                                          | 0.06    | 5.6     | <2.0         | 8.5        | 32               | 21                         | 2.20           | 1.07             | 11/07/2012<br>18/07/2012 |
| 11/07/2012                                          | 0.02    | 9.0     | 3            | 9.0        | 39               | 16.6                       | 3.16           | 0.95             | 27/07/2012<br>9/08/2012  |
| 25/07/2012                                          | 0.02    | 5.6     | <2.0         | 9.5        | 38               | 19                         | 2.81           | 1.06             | 8/08/2012<br>9/08/2012   |
| 8/08/2012                                           | 0.06    | 5.4     | <2.0         | 9.2        | 25               | 11                         | 2.24           | 1.30             | 18/08/2012<br>29/08/2012 |
| 22/08/2012                                          | 0.03    | 12      | 3            | 9.5        | 48               | 36                         | 2.50           | 1.71             | 5/09/2012<br>12/09/2012  |
| 5/09/2012                                           | 0.04    | 5.2     | <2.0         | 9.0        | 43               | 40                         | 3.41           | 1.86             | 17/09/2012<br>18/09/2012 |
| 19/09/2012                                          | 0.04    | 9.6     | 2            | 9.4        | 37               | 15.7                       | 3.31           | 2.11             | 28/09/2012<br>30/09/2012 |
| 3/10/2012                                           | 1.25    | 5.0     | <2.0         | 8.2        | 11               | 7.6                        | 2.29           | 2.67             | 11/10/2012<br>14/10/2012 |
| 17/10/2012                                          | 0.04    | 14      | 3            | 9.5        | 51               | 32                         | 3.05           | 2.49             | 25/10/2012<br>28/10/2012 |
| 31/10/2012                                          | 0.74    | 6.8     | 3            | 8.1        | 43               | 38                         | 3.58           | 3.36             | 9/11/2012<br>12/11/2012  |
| 14/11/2012                                          | 0.21    | 13      | 4            | 9.2        | 59               | 57                         | 4.71           | 3.29             | 23/11/2012<br>26/11/2012 |
| 28/11/2012                                          | 0.05    | 9.6     | <2.0         | 9.6        | 28               | 20                         | 2.86           | 2.76             | 11/12/2012<br>12/12/2012 |
| 12/12/2012                                          | 0.55    | 10      | <2.0         | 9.1        | 41               | 27                         | 3.89           | 3.19             | 24/12/2012<br>25/12/2012 |
| 27/12/2012                                          | 0.02    | 9.4     | <2.0         | 9.6        | 34               | 27                         | 2.65           | 2.72             | 11/01/2013<br>14/01/2013 |
| 9/01/2013                                           | 0.03    | 9.6     | 2            | 9.4        | 40               | 26.1                       | 2.99           | 2.74             | 23/01/2013<br>24/01/2013 |
| 23/01/2013                                          | <0.02   | 7.6     | <2.0         | 9.9        | 54               | 40                         | 2.61           | 2.14             | 4/02/2013<br>5/02/2013   |
| 6/02/2013                                           | 0.05    | 4.2     | <2.0         | 7.9        | 13               | 8.1                        | 1.48           | 1.22             | 19/02/2013<br>20/02/2013 |
| 20/02/2013                                          | 0.20    | 6.4     | <2.0         | 7.6        | 18               | 14                         | 1.87           | 1.06             | 1/03/2013<br>4/03/2013   |

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31/03/2012 to 30/04/2025



| Pollutant  | Ammonia          | BOD5              | Oil & Grease      | pH                    | Suspended Solids  | Suspended Solids Corrected | Total Nitrogen    | Total Phosphorus |                          |
|------------|------------------|-------------------|-------------------|-----------------------|-------------------|----------------------------|-------------------|------------------|--------------------------|
| Limits*    | 5 / 10<br>(mg/L) | 15 / 30<br>(mg/L) | 10 / 20<br>(mg/L) | 6.5-8.5<br>(pH units) | 25 / 50<br>(mg/L) | 25 / 50<br>(mg/L)          | 30 / 60<br>(mg/L) | 6 / 12<br>(mg/L) | Received/<br>Published   |
| 6/03/2013  | 0.38             | 5.2               | <2.0              | 8.4                   | 13                | 7.2                        | 2.13              | 0.64             | 19/03/2013<br>20/03/2013 |
| 20/03/2013 | 0.21             | 2.8               | <2.0              | 9.0                   | 15                | 8.2                        | 2.01              | 0.56             | 4/04/2013<br>9/04/2013   |
| 3/04/2013  | 0.03             | 3.2               | 2                 | 7.9                   | 17                | 5.4                        | 2.02              | 0.53             | 17/04/2013<br>18/04/2013 |
| 17/04/2013 | 0.04             | 3.6               | <2.0              | 7.8                   | 20                | 7.6                        | 2.52              | 0.58             | 26/04/2013<br>29/04/2013 |
| 1/05/2013  | 0.04             | 5.2               | <2.0              | 7.6                   | 19                | 8.2                        | 2.80              | 0.67             | 9/05/2013<br>13/05/2013  |
| 15/05/2013 | 0.27             | 7.4               | <2.0              | 7.9                   | 29                | 15                         | 3.02              | 0.84             | 28/05/2013<br>29/05/2013 |
| 29/05/2013 | 0.05             | 5.8               | <2.0              | 8.0                   | 28                | 20                         | 3.84              | 0.74             | 12/06/2013<br>13/06/2013 |
| 12/06/2013 | 0.06             | 6.8               | <2.0              | 7.5                   | 21                | 11                         | 3.34              | 0.82             | 25/06/2013<br>26/06/2013 |
| 26/06/2013 | 0.07             | 3.6               | <2.0              | 8.0                   | 30                | 23.3                       | 3.34              | 0.77             | 9/07/2013<br>10/07/2013  |
| 10/07/2013 | 0.68             | 3.4               | <2.0              | 7.6                   | 27                | 21                         | 4.12              | 0.80             | 24/07/2013<br>25/07/2013 |
| 24/07/2013 | 0.66             | 3.6               | <2.0              | 7.7                   | 25                | 20                         | 4.39              | 0.89             | 6/08/2013<br>7/08/2013   |
| 7/08/2013  | 0.37             | 2.8               | 3                 | 8.2                   | 21                | 20                         | 3.66              | 0.83             | 21/08/2013<br>22/08/2013 |
| 21/08/2013 | 0.61             | 3.8               | <2.0              | 8.2                   | 28                | 28                         | 4.17              | 1.05             | 5/09/2013<br>9/09/2013   |
| 4/09/2013  | 0.33             | 10                | 2                 | 9.0                   | 42                | 42                         | 4.72              | 2.01             | 17/09/2013<br>18/09/2013 |
| 18/09/2013 | 0.17             | 8.0               | 2                 | 9.6                   | 56                | 53                         | 4.56              | 2.53             | 1/10/2013<br>2/10/2013   |
| 2/10/2013  | 0.14             | 11                | <2.0              | 9.1                   | 86                | 85                         | 3.43              | 3.01             | 14/10/2013<br>15/10/2013 |
| 17/10/2013 | 0.47             | 8.4               | 3                 | 8.8                   | 61                | 54                         | 3.80              | 3.16             | 30/10/2013<br>31/10/2013 |
| 30/10/2013 | 1.00             | 6.8               | <2.0              | 8.2                   | 34                | 31                         | 3.71              | 3.58             | 12/11/2013<br>13/11/2013 |
| 13/11/2013 | 0.09             | 4.0               | <2.0              | 9.6                   | 41                | 41                         | 2.55              | 2.96             | 27/11/2013<br>28/11/2013 |
| 27/11/2013 | 0.28             | 9.0               | <2.0              | 9.9                   | 38                | 33                         | 3.46              | 2.90             | 11/12/2013<br>12/12/2013 |
| 11/12/2013 | 0.04             | 8.8               | <2.0              | 10.2                  | 33                | 28                         | 2.70              | 1.72             | 24/12/2013<br>25/12/2013 |
| 24/12/2013 | 0.62             | 8.2               | <2.0              | 9.6                   | 11                | 9.6                        | 2.81              | 2.30             | 2/01/2014<br>6/01/2014   |
| 8/01/2014  | 0.12             | 3.2               | <2.0              | 9.8                   | 30                | 20                         | 2.44              | 2.18             | 20/01/2014<br>21/01/2014 |
| 22/01/2014 | 0.09             | 8.2               | <2.0              | 9.5                   | 24                | 1.8                        | 3.31              | 2.18             | 5/02/2014<br>6/02/2014   |
| 5/02/2014  | 0.04             | 9.4               | <2.0              | 9.8                   | 67                | 42                         | 3.80              | 2.76             | 19/02/2014<br>20/02/2014 |
| 19/02/2014 | 0.21             | 10                | <2.0              | 9.2                   | 36                | 23                         | 3.21              | 3.16             | 4/03/2014<br>5/03/2014   |
| 5/03/2014  | 0.32             | 10                | <2.0              | 8.5                   | 30                | 16                         | 3.70              | 3.69             | 17/03/2014<br>18/03/2014 |

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31/03/2012 to 30/04/2025



| Pollutant  | Ammonia | BOD5    | Oil & Grease | pH         | Suspended Solids | Suspended Solids Corrected | Total Nitrogen | Total Phosphorus |                          |
|------------|---------|---------|--------------|------------|------------------|----------------------------|----------------|------------------|--------------------------|
| Limits*    | 5 / 10  | 15 / 30 | 10 / 20      | 6.5-8.5    | 25 / 50          | 25 / 50                    | 30 / 60        | 6 / 12           | Received/                |
| Date       | (mg/L)  | (mg/L)  | (mg/L)       | (pH units) | (mg/L)           | (mg/L)                     | (mg/L)         | (mg/L)           | Published                |
| 19/03/2014 | 0.22    | 8.7     | <2.0         | 8.6        | 10               | 4.4                        | 2.81           | 3.29             | 8/04/2014<br>9/04/2014   |
| 2/04/2014  | 0.05    | 12      | <2           | 9.8        | 18               | 6.1                        | 3.40           | 2.14             | 15/04/2014<br>16/04/2014 |
| 15/04/2014 |         |         |              |            |                  |                            |                |                  | 16/04/2014<br>17/04/2014 |
| 23/04/2014 | 0.07    | 9.9     | <2           | 9.2        | 49               | 29.7                       | 3.56           | 2.18             | 2/05/2014<br>5/05/2014   |
| 30/04/2014 | 0.90    | 3.3     | <2           | 6.8        | 11               | 11                         | 12.6           | 0.64             | 8/05/2014<br>12/05/2014  |
| 14/05/2014 | 0.22    | <1.0    | <2           | 7.4        | 10               | 10                         | 12.0           | 0.69             | 22/05/2014<br>26/05/2014 |
| 27/05/2014 | 0.17    | 5.6     | <2.0         | 7.3        | 38               | 38                         | 17.5           | 2.06             | 4/06/2014<br>5/06/2014   |
| 11/06/2014 | 0.36    | 2.0     | <2.0         | 7.1        | 5.6              | 5.6                        | 7.86           | 0.50             | 24/06/2014<br>25/06/2014 |
| 26/06/2014 | 0.53    | 8.0     | 3            | 7.0        | 21               | 21                         | 10.4           | 1.83             | 9/07/2014<br>10/07/2014  |
| 9/07/2014  | 0.25    | 3.4     | <2           | 7.1        | 7.7              | 7.6                        | 14.09          | 0.76             | 17/07/2014<br>21/07/2014 |
| 23/07/2014 | 0.22    | 11      | <2.0         | 6.7        | 67               | 67                         | 15.9           | 4.14             | 31/07/2014<br>4/08/2014  |
| 6/08/2014  | 0.25    | <1.0    | <2.0         | 6.8        | 8.2              | 8.1                        | 18.2           | 0.83             | 19/08/2014<br>20/08/2014 |
| 20/08/2014 | 0.57    | 3.4     | <2.0         | 7.2        | 3.7              | 2.8                        | 6.49           | 0.54             | 2/09/2014<br>3/09/2014   |
| 3/09/2014  | 0.55    | 3.2     | <2.0         | 7.1        | 5.6              | 5.6                        | 6.70           | 0.36             | 15/09/2014<br>18/09/2014 |
| 17/09/2014 | 1.13    | 1.2     | <2.0         | 7.1        | 4.8              | 4.8                        | 8.33           | 0.57             | 30/09/2014<br>1/10/2014  |
| 1/10/2014  | 1.61    | 4.2     | 2            | 6.9        | 6.2              | 6.2                        | 8.67           | 1.26             | 15/10/2014<br>20/10/2014 |
| 15/10/2014 | 1.02    | 2.8     | <2.0         | 7.1        | 8.0              | 8.0                        | 8.27           | 1.49             | 28/10/2014<br>29/10/2014 |
| 29/10/2014 | 0.79    | 5.2     | <2.0         | 7.4        | 7.7              | 7.7                        | 7.08           | 1.22             | 7/11/2014<br>10/11/2014  |
| 12/11/2014 | 0.49    | 1.8     | 4            | 7.2        | 3.5              | 3.5                        | 7.41           | 0.78             | 26/11/2014<br>27/11/2014 |
| 26/11/2014 | 0.43    | 1.8     | <2.0         | 6.9        | 5.8              | 5.7                        | 10.5           | 2.35             | 10/12/2014<br>11/12/2014 |
| 10/12/2014 | 1.52    | 3.6     | <2.0         | 7.2        | 10               | 10                         | 7.06           | 1.29             | 19/12/2014<br>22/12/2014 |
| 23/12/2014 | 0.51    | 3.3     | <2.0         | 6.8        | 10               | 9.8                        | 7.14           | 0.76             | 6/01/2015<br>7/01/2015   |
| 7/01/2015  | 0.75    | 1.2     | <2.0         | 6.7        | 7.2              | 7.2                        | 8.14           | 0.42             | 21/01/2015<br>22/01/2015 |
| 21/01/2015 | 8.53    | 5.0     | <2.0         | 6.5        | 16               | 16                         | 18.9           | 0.88             | 4/02/2015<br>5/02/2015   |
| 4/02/2015  | 1.52    | 1.2     | <2.0         | 6.7        | 1.6              | 1.6                        | 7.93           | 0.26             | 18/02/2015<br>19/02/2015 |
| 18/02/2015 | 0.14    | 1.2     | <2.0         | 7.0        | 1.2              | 1.2                        | 7.33           | 0.36             | 3/03/2015<br>4/03/2015   |
| 4/03/2015  | 0.72    | 1.0     | <2.0         | 6.8        | 6.2              | 6.1                        | 7.37           | 0.50             | 17/03/2015<br>18/03/2015 |

# WWTP Effluent Monitoring

31/03/2012 to 30/04/2025



| Pollutant  | Ammonia | BOD5    | Oil & Grease | pH         | Suspended Solids | Suspended Solids Corrected | Total Nitrogen | Total Phosphorus |                          |
|------------|---------|---------|--------------|------------|------------------|----------------------------|----------------|------------------|--------------------------|
| Limits*    | 5 / 10  | 15 / 30 | 10 / 20      | 6.5-8.5    | 25 / 50          | 25 / 50                    | 30 / 60        | 6 / 12           | Received/                |
| Date       | (mg/L)  | (mg/L)  | (mg/L)       | (pH units) | (mg/L)           | (mg/L)                     | (mg/L)         | (mg/L)           | Published                |
| 18/03/2015 | 0.19    | <1.0    | <2.0         | 6.8        | 3.4              | 3.4                        | 10.7           | 0.18             | 27/03/2015<br>30/03/2015 |
| 1/04/2015  | 34.4    | 8.0     | 3            | 7.3        | 42               | 42                         | 38.2           | 1.53             | 14/04/2015<br>16/04/2015 |
| 15/04/2015 | 0.35    | 1.4     | 3            | 7.4        | 6.0              | 5.9                        | 9.03           | 0.39             | 29/04/2015<br>30/04/2015 |
| 29/04/2015 | 0.44    | 1.6     | <2.0         | 7.4        | 6.8              | 6.8                        | 13.8           | 0.79             | 12/05/2015<br>14/05/2015 |
| 13/05/2015 | 0.23    | <1.0    | <2.0         | 6.9        | 2.5              | 2.5                        | 8.66           | 0.25             | 26/05/2015<br>28/05/2015 |
| 27/05/2015 | 5.09    | 5.5     | <2.0         | 6.9        | 6.2              | 6.2                        | 12.7           | 0.28             | 3/06/2015<br>4/06/2015   |
| 10/06/2015 | 7.06    | 1.0     | <2.0         | 7.0        | 7.2              | 7.2                        | 12.7           | 0.44             | 24/06/2015<br>25/06/2015 |
| 24/06/2015 | 13.0    | 8.8     | <2.0         | 7.2        | 15               | 15                         | 17.6           | 0.47             | 7/07/2015<br>8/07/2015   |
| 8/07/2015  | 1.21    | 4.4     | <2.0         | 7.0        | 9.6              | 9.6                        | 11.3           | 0.47             | 21/07/2015<br>23/07/2015 |
| 22/07/2015 | 57.2    | 36      | 6            | 7.8        | 34               | 34                         | 62.3           | 4.30             | 4/08/2015<br>6/08/2015   |
| 5/08/2015  | 0.27    | 3.9     | <2           | 7.1        | 6.7              | 6.7                        | 10.5           | 0.16             | 18/08/2015<br>19/08/2015 |
| 19/08/2015 | 0.15    | 4.2     | <2.0         | 7.1        | 5.6              | 5.6                        | 15.9           | 0.23             | 31/08/2015<br>1/09/2015  |
| 2/09/2015  | 0.14    | 4.8     | <2           | 7.3        | 5.6              | 5.6                        | 6.67           | 0.32             | 9/09/2015<br>10/09/2015  |
| 16/09/2015 | 0.14    | 3.0     | <2           | 7.1        | 2.0              | 1.8                        | 9.04           | 0.27             | 30/09/2015<br>1/10/2015  |
| 30/09/2015 | 0.34    | 4.5     | 8            | 7.0        | 3.2              | 3.2                        | 14.4           | 0.31             | 8/10/2015<br>12/10/2015  |
| 14/10/2015 | 0.57    | 2.2     | <2           | 7.1        | 5.0              | 5.0                        | 12.4           | 0.45             | 27/10/2015<br>28/10/2015 |
| 28/10/2015 | 0.34    | 4.8     | <5           | 7.1        | 14               | 14                         | 6.32           | 0.55             | 17/11/2015<br>19/11/2015 |
| 11/11/2015 | 0.15    | 2.8     | <5.0         | 6.7        | 7.6              | 7.6                        | 1.75           | 2.63             | 25/11/2015<br>26/11/2015 |
| 25/11/2015 | 0.31    | 1.2     | 2            | 7.1        | 5.4              | 5.4                        | 7.19           | 0.38             | 9/12/2015<br>14/12/2015  |
| 9/12/2015  | 0.24    | 1.8     | <2.0         | 7.0        | 4.4              | 4.3                        | 11.58          | 0.41             | 23/12/2015<br>28/12/2015 |
| 23/12/2015 | 0.14    | 4.2     | <2.0         | 7.1        | 15               | 15                         | 11.78          | 0.86             | 8/01/2016<br>21/01/2016  |
| 6/01/2016  | <0.02   | 2.7     | <2           | 7.1        | 4.6              | 4.6                        | 10.65          | 0.58             | 15/01/2016<br>21/01/2016 |
| 20/01/2016 | 0.02    | 2.7     | <2           | 7.1        | 16               | 16.0                       | 10.41          | 0.48             | 2/02/2016<br>25/02/2016  |
| 3/02/2016  | 0.15    | 2.2     | <2           | 7.1        | 4.2              | 4.2                        | 11.19          | 0.48             | 17/02/2016<br>25/02/2016 |
| 17/02/2016 | 0.45    | 2.0     | <2           | 7.4        | 2.4              | 2.4                        | 6.19           | 0.79             | 1/03/2016<br>3/03/2016   |
| 2/03/2016  | 0.33    | 4.8     | <2           | 7.0        | 11               | 11.0                       | 7.63           | 0.74             | 9/03/2016<br>10/03/2016  |
| 16/03/2016 | 0.41    | 8.8     | <2           | 6.9        | 17               | 17.0                       | 3.85           | 1.2              | 24/03/2016<br>28/03/2016 |

# WWTP Effluent Monitoring

31/03/2012 to 30/04/2025

| Pollutant  | Ammonia | BOD5    | Oil & Grease | pH         | Suspended Solids | Suspended Solids Corrected | Total Nitrogen | Total Phosphorus |                          |
|------------|---------|---------|--------------|------------|------------------|----------------------------|----------------|------------------|--------------------------|
| Limits*    | 5 / 10  | 15 / 30 | 10 / 20      | 6.5-8.5    | 25 / 50          | 25 / 50                    | 30 / 60        | 6 / 12           | Received/ Published      |
| Date       | (mg/L)  | (mg/L)  | (mg/L)       | (pH units) | (mg/L)           | (mg/L)                     | (mg/L)         | (mg/L)           |                          |
| 30/03/2016 | 1.03    | 4.4     | <2           | 7.0        | 8.7              | 8.7                        | 8.59           | 0.24             | 12/04/2016<br>13/04/2016 |
| 13/04/2016 | 0.16    | 4.2     | <2           | 7.1        | 5.5              | 5.5                        | 8.68           | 0.22             | 27/04/2016<br>5/05/2016  |
| 27/04/2016 | 0.14    | 3.6     | <2           | 6.3        | 11               | 11.0                       | 14.12          | 0.4              | 10/05/2016<br>11/05/2016 |
| 11/05/2016 | 0.1     | 2.0     | <2.0         | 7.2        | 2.2              | 2.2                        | 9.75           | 0.32             | 24/05/2016<br>25/05/2016 |
| 25/05/2016 | <0.02   | 1.8     | <2           | 7.5        | 10               | 10.0                       | 6.78           | 0.6              | 7/06/2016<br>8/06/2016   |
| 8/06/2016  | <0.02   | 2.8     | <2           | 7.1        | 8.9              | 8.9                        | 4.42           | 0.91             | 21/06/2016<br>23/06/2016 |
| 22/06/2016 | 0.25    | 6.2     | 3            | 7.2        | 16               | 16.0                       | 4.19           | 0.86             | 30/06/2016<br>11/08/2016 |
| 6/07/2016  | 0.07    | <1.0    | 2.3          | 7.2        | 5.0              | 5.0                        | 6.96           | 0.28             | 19/07/2016<br>11/08/2016 |
| 20/07/2016 | 0.5     | <1.0    | <2.0         | 7.2        | 9.2              | 9.2                        | 7.55           | 0.98             | 27/07/2016<br>11/08/2016 |
| 3/08/2016  | <0.02   | <1.0    | <2.0         | 7.2        | 4.2              | 4.2                        | 7.05           | 0.44             | 11/08/2016<br>15/08/2016 |
| 17/08/2016 | 0.08    | <1.0    | 2            | 7.4        | 4.2              | 4.2                        | 6.86           | 0.37             | 30/08/2016<br>31/08/2016 |
| 31/08/2016 | <0.02   | <1.0    | <2           | 7.4        | 2.8              | 2.8                        | 9.18           | 0.26             | 7/09/2016<br>8/09/2016   |
| 14/09/2016 | 0.02    | <1.0    | <2.0         | 7.4        | 4.9              | 4.9                        | 6.67           | 0.49             | 21/09/2016<br>22/09/2016 |
| 28/09/2016 | <0.02   | 1.0     | <2.0         | 7.3        | 8.3              | 8.2                        | 8.58           | 0.44             | 11/10/2016<br>12/10/2016 |
| 12/10/2016 | 0.43    | 1.8     | <2           | 7.3        | 12               | 12.0                       | 10.15          | 0.64             | 19/10/2016<br>20/10/2016 |
| 26/10/2016 | 0.08    | <1.0    | <2.0         | 7.4        | 4.8              | 4.8                        | 7.46           | 0.39             | 2/11/2016<br>3/11/2016   |
| 9/11/2016  | 0.13    | <1.0    | <2.0         | 7.4        | 2.0              | 2.0                        | 6.66           | 0.25             | 16/11/2016<br>17/11/2016 |
| 23/11/2016 | 0.14    | <1.0    | <2.0         | 7.4        | 7.2              | 7.2                        | 6.15           | 0.61             | 5/12/2016<br>6/12/2016   |
| 7/12/2016  | 0.02    | 1.2     | <2.0         | 7.0        | 24               | 24.0                       | 4.47           | 1.16             | 22/12/2016<br>26/12/2016 |
| 21/12/2016 | 0.03    | <1.0    | <2           | 7.3        | 14.0             | 13.9                       | 7.26           | 0.64             | 10/01/2017<br>11/01/2017 |
| 4/01/2017  | 0.12    | 3.8     | <2.0         | 7.3        | 11               | 11.0                       | 3.89           | 0.55             | 18/01/2017<br>19/01/2017 |
| 18/01/2017 | 0.38    | 2.8     | <2.0         | 7.1        | 5.0              | 5.0                        | 5.83           | 0.33             | 25/01/2017<br>26/01/2017 |
| 1/02/2017  | 1.55    | 3.0     | 2            | 7.1        | 7.0              | 7.0                        | 10.96          | 0.64             | 8/02/2017<br>9/02/2017   |
| 15/02/2017 | 0.82    | 5.6     | <2.0         | 7.3        | 6.3              | 6.3                        | 10.81          | 0.98             | 22/02/2017<br>23/02/2017 |
| 1/03/2017  | 0.1     | 1.2     | <2.0         | 7.3        | 7.2              | 7.2                        | 7.42           | 0.36             | 8/03/2017<br>9/03/2017   |
| 15/03/2017 | 10.74   | 9.9     | ----         | 7.5        | ----             | <1                         | 17.38          | 1.12             | 23/03/2017<br>27/03/2017 |
| 29/03/2017 | 2.18    | 4.0     | <2           | 7.3        | 12               | 11.8                       | 10.28          | 0.75             | 6/04/2017<br>4/05/2017   |

# WWTP Effluent Monitoring

31/03/2012 to 30/04/2025

| Pollutant  | Ammonia | BOD5    | Oil & Grease | pH         | Suspended Solids | Suspended Solids Corrected | Total Nitrogen | Total Phosphorus |                          |
|------------|---------|---------|--------------|------------|------------------|----------------------------|----------------|------------------|--------------------------|
| Limits*    | 5 / 10  | 15 / 30 | 10 / 20      | 6.5-8.5    | 25 / 50          | 25 / 50                    | 30 / 60        | 6 / 12           | Received/ Published      |
| Date       | (mg/L)  | (mg/L)  | (mg/L)       | (pH units) | (mg/L)           | (mg/L)                     | (mg/L)         | (mg/L)           |                          |
| 12/04/2017 | 0.25    | 6.9     | <2           | 7.2        | 9.8              | 9.8                        | 5.73           | 0.37             | 26/04/2017<br>4/05/2017  |
| 26/04/2017 | 0.65    | 7.0     | <2.0         | 7.5        | 13               | 13.0                       | 8.89           | 1.28             | 3/05/2017<br>4/05/2017   |
| 10/05/2017 | <0.02   | <1.0    | 3            | 7.3        | 8.0              | 7.9                        | 7.39           | 0.41             | 23/05/2017<br>25/05/2017 |
| 24/05/2017 | 0.05    | 3.8     | <2.0         | 7.3        | 5.8              | 5.8                        | 6.12           | 0.35             | 30/05/2017<br>31/05/2017 |
| 7/06/2017  | 1.25    | 9.4     | <2.0         | 7.1        | 9.3              | 9.3                        | 11.05          | 0.41             | 15/06/2017<br>19/06/2017 |
| 21/06/2017 | 2.72    | 10.0    | <2.0         | 6.9        | 24               | 23.9                       | 9.55           | 0.83             | 29/06/2017<br>3/07/2017  |
| 7/07/2017  | 2.67    | 3.6     | <2.0         | 7.4        | 15.0             | 14.9                       | 7.36           | 0.84             | 25/07/2017<br>1/02/2018  |
| 19/07/2017 | 0.45    | 3.4     | 2.8          | 7.4        | 23               | 22.9                       | 5.22           | 0.98             | 1/08/2017<br>2/08/2017   |
| 2/08/2017  | 8.98    | 6.0     | <2.0         | 7.2        | 21               | 21.0                       | 13.09          | 0.67             | 10/08/2017<br>14/08/2017 |
| 16/08/2017 | 0.35    | 6.0     | <2.0         | 7.3        | 18               | 18.0                       | 5.14           | 0.53             | 29/08/2017<br>30/08/2017 |
| 30/08/2017 | 0.16    | 1.6     | <2           | 7.7        | 17               | 17.0                       | 4.35           | 0.65             | 7/09/2017<br>11/09/2017  |
| 13/09/2017 | 1.5     | <1.0    | <2           | 7.3        | 12               | 12.0                       | 7.71           | 0.44             | 20/09/2017<br>12/10/2017 |
| 27/09/2017 | 0.05    | <1.0    | <2.0         | 7.2        | 10               | 10.0                       | 8.01           | 0.41             | 5/10/2017<br>12/10/2017  |
| 11/10/2017 | 0.21    | 4.4     | <2.0         | 7.3        | 22               | 22.0                       | 6.28           | 0.92             | 25/10/2017<br>26/10/2017 |
| 25/10/2017 | <0.02   | <1.0    | 2.1          | 7.1        | 13               | 12.8                       | 8.69           | 0.54             | 2/11/2017<br>6/11/2017   |
| 8/11/2017  | 5.58    | 4.2     | <2.0         | 7.2        | 16               | 12.3                       | 10.63          | 0.43             | 16/11/2017<br>13/12/2017 |
| 22/11/2017 | 0.2     | 4.5     | <2.0         | 7.0        | 11               | 11.0                       | 4.28           | 0.49             | 5/12/2017<br>13/12/2017  |
| 6/12/2017  | 0.12    | 1.2     | 2.75         | 6.9        | 7.75             | 7.8                        | 5.02           | 0.29             | 14/12/2017<br>18/12/2017 |
| 20/12/2017 | 0.19    | 3.0     | <2.0         | 7.1        | 11               | 11.0                       | 4.88           | 0.43             | 28/12/2017<br>1/01/2018  |
| 3/01/2018  | 0.19    | 3.6     | 3.40         | 7.0        | 11               | 11.0                       | 5.94           | 0.52             | 16/01/2018<br>17/01/2018 |
| 17/01/2018 | 0.12    | <1.0    | <2.0         | 7.2        | 18               | 18.0                       | 7.24           | 0.83             | 25/01/2018<br>29/01/2018 |
| 31/01/2018 | 0.06    | 2.2     | <2.0         | 7.3        | 12               | 11.9                       | 4.35           | 0.55             | 8/02/2018<br>12/02/2018  |
| 14/02/2018 | 0.09    | 3.0     | <2.0         | 7.2        | 11.5             | 11.5                       | 4.86           | 0.58             | 1/03/2018<br>5/03/2018   |
| 28/02/2018 | 0.08    | 1.2     | <2.0         | 7.2        | 8.5              | 8.5                        | 3.09           | 0.42             | 6/03/2018<br>7/03/2018   |
| 14/03/2018 | 1.06    | 1.4     | <2.0         | 7.2        | 4.7              | 4.7                        | 8.51           | 0.94             | 22/03/2018<br>26/03/2018 |
| 28/03/2018 | 0.11    | 1.6     | <2.0         | 7.1        | 7.0              | 7.0                        | 13.98          | 0.85             | 5/04/2018<br>9/04/2018   |
| 11/04/2018 | 0.05    | 3.2     | <2.0         | 7.1        | 13               | 13.0                       | 18.24          | 0.99             | 3/05/2018<br>7/05/2018   |

# WWTP Effluent Monitoring

31/03/2012 to 30/04/2025

| Pollutant  | Ammonia | BOD5    | Oil & Grease | pH         | Suspended Solids | Suspended Solids Corrected | Total Nitrogen | Total Phosphorus |                          |
|------------|---------|---------|--------------|------------|------------------|----------------------------|----------------|------------------|--------------------------|
| Limits*    | 5 / 10  | 15 / 30 | 10 / 20      | 6.5-8.5    | 25 / 50          | 25 / 50                    | 30 / 60        | 6 / 12           | Received/ Published      |
| Date       | (mg/L)  | (mg/L)  | (mg/L)       | (pH units) | (mg/L)           | (mg/L)                     | (mg/L)         | (mg/L)           |                          |
| 26/04/2018 | 0.08    | 4.0     | <2.0         | 7.1        | 9.5              | 9.5                        | 14.82          | 0.52             | 8/05/2018<br>9/05/2018   |
| 9/05/2018  | 0.24    | 5.6     | 3            | 7.4        | 9.7              | 8.4                        | 5.7            | 0.53             | 16/05/2018<br>17/05/2018 |
| 23/05/2018 | 0.07    | 4.8     | <2.0         | 7.5        | 13.5             | 13.5                       | 4.55           | 0.53             | 29/05/2018<br>30/05/2018 |
| 6/06/2018  | 0.25    | 6.6     | <2.0         | 7.3        | 15.8             | 15.8                       | 6.16           | 0.68             | 14/06/2018<br>18/06/2018 |
| 20/06/2018 | 0.26    | 6.4     | <2.0         | 7.2        | 15               | 15.0                       | 8.55           | 0.7              | 28/06/2018<br>5/07/2018  |
| 4/07/2018  | 0.14    | 5.2     | <2.0         | 7.2        | 4.8              | 4.8                        | 5.18           | 0.28             | 12/07/2018<br>1/08/2018  |
| 18/07/2018 | 0.25    | 8.4     | <2.0         | 6.9        | 12               | 12.0                       | 10.53          | 0.45             | 26/07/2018<br>1/08/2018  |
| 1/08/2018  | 0.63    | 8.6     | <2.0         | 6.6        | 26.5             | 26.2                       | 6.13           | 0.93             | 14/08/2018<br>15/08/2018 |
| 15/08/2018 | 0.19    | <1.0    | 4            | 7.0        | 2.6              | 2.6                        | 5.5            | 0.2              | 28/08/2018<br>29/08/2018 |
| 29/08/2018 | 0.19    | 6.3     | <2.0         | 7.0        | 8                | 8.0                        | 4.77           | 0.32             | 11/09/2018<br>12/09/2018 |
| 12/09/2018 | 0.16    | <1.0    | <2.0         | 7.1        | 7.7              | 7.7                        | 4.58           | 0.33             | 26/09/2018<br>27/09/2018 |
| 26/09/2018 | 0.22    | <1.0    | <2.0         | 7.1        | 5.4              | 5.4                        | 5.21           | 0.34             | 4/10/2018<br>8/10/2018   |
| 10/10/2018 | <0.02   | <1.0    | <2.0         | 7.2        | 6                | 5.9                        | 4.46           | 0.44             | 18/10/2018<br>22/10/2018 |
| 24/10/2018 | <0.02   | <1.0    | <2.0         | 7.1        | 7.3              | 7.1                        | 5.54           | 0.44             | 1/11/2018<br>5/11/2018   |
| 7/11/2018  | 0.22    | 3.2     | <2.0         | 7.0        | 5.8              | 5.8                        | 4.22           | 0.33             | 15/11/2018<br>19/11/2018 |
| 21/11/2018 | 0.4     | 3.0     | <2.0         | 7.1        | 9                | 9.0                        | 5.31           | 0.54             | 28/11/2018<br>29/11/2018 |
| 5/12/2018  | 0.13    | 1.2     | <2.0         | 7.0        | 5.0              | 5.0                        | 6.76           | 0.35             | 19/12/2018<br>20/12/2018 |
| 19/12/2018 | 0.14    | <1.0    | 2.7          | 6.7        | 4.6              | 4.6                        | 5.58           | 0.32             | 31/12/2018<br>1/01/2019  |
| 2/01/2019  | 0.15    | <1.0    | <2.0         | 7.1        | 11.4             | 11.4                       | 5.64           | 0.69             | 15/01/2019<br>16/01/2019 |
| 16/01/2019 | 0.11    | <1.0    | <2.0         | 7.0        | 6.6              | 6.5                        | 6.79           | 0.41             | 24/01/2019<br>28/01/2019 |
| 30/01/2019 | 0.02    | <1.0    | <2.0         | 6.6        | 5.6              | 5.6                        | 7.46           | 0.3              | 5/02/2019<br>6/02/2019   |
| 13/02/2019 | 0.1     | 3.0     | <2.0         | 7.1        | 18               | 18.0                       | 6.57           | 0.73             | 21/02/2019<br>25/02/2019 |
| 27/02/2019 | 0.08    | 3.8     | <2.0         | 7.1        | 44               | 44.0                       | 11.44          | 1.73             | 7/03/2019<br>11/03/2019  |
| 13/03/2019 | 0.08    | 1.4     | 2.3          | 7.1        | 5.75             | 5.8                        | 7.7            | 0.22             | 19/03/2019<br>20/03/2019 |
| 27/03/2019 | 0.09    | 1.4     | 4.1          | 7.3        | 11               | 11.0                       | 5.59           | 0.4              | 9/04/2019<br>10/04/2019  |
| 10/04/2019 | 0.03    | <1.0    | <2.0         | 7.4        | 6.4              | 6.4                        | 6.17           | 0.27             | 23/04/2019<br>24/04/2019 |
| 24/04/2019 | 0.04    | 1.6     | <2.0         | 7.1        | 9.6              | 9.6                        | 8.77           | 0.44             | 2/05/2019<br>6/05/2019   |

# WWTP Effluent Monitoring

31/03/2012 to 30/04/2025



| Pollutant  | Ammonia | BOD5    | Oil & Grease | pH         | Suspended Solids | Suspended Solids Corrected | Total Nitrogen | Total Phosphorus |                          |
|------------|---------|---------|--------------|------------|------------------|----------------------------|----------------|------------------|--------------------------|
| Limits*    | 5 / 10  | 15 / 30 | 10 / 20      | 6.5-8.5    | 25 / 50          | 25 / 50                    | 30 / 60        | 6 / 12           | Received/                |
| Date       | (mg/L)  | (mg/L)  | (mg/L)       | (pH units) | (mg/L)           | (mg/L)                     | (mg/L)         | (mg/L)           | Published                |
| 8/05/2019  | 0.08    | 2.8     | <2.0         | 7.2        | 13               | 13.0                       | 9.73           | 0.43             | 15/05/2019<br>16/05/2019 |
| 22/05/2019 | 0.12    | 2.4     | <2.0         | 7.1        | 9.2              | 9.2                        | 12.1           | 0.37             | 30/05/2019<br>3/06/2019  |
| 5/06/2019  | 0.1     | 2.4     | <2.0         | 7.1        | 10               | 9.7                        | 13.8           | 0.51             | 12/06/2019<br>13/06/2019 |
| 19/06/2019 | 0.03    | 1.0     | <2.0         | 7.5        | 6.2              | 6.2                        | 10.3           | 0.30             | 25/06/2019<br>26/06/2019 |
| 3/07/2019  | <0.02   | 35      | <2.0         | 8.4        | 2.0              | 2.0                        | 10.2           | 0.20             | 24/07/2019<br>25/07/2019 |
| 17/07/2019 | 0.1     | 1.5     | <2.0         | 7.2        | 8.0              | 8.0                        | 7.99           | 0.27             | 25/07/2019<br>29/07/2019 |
| 31/07/2019 |         |         |              |            |                  |                            |                |                  | 1/08/2019<br>5/08/2019   |
| 1/08/2019  | 0.17    | 6.0     | <2.0         | 7.1        | 3.8              | 3.8                        | 11.9           | 0.19             | 8/08/2019<br>12/08/2019  |
| 14/08/2019 | 0.15    | 4.0     | <2.0         | 7.1        | 12               | 12                         | 8.03           | 0.46             | 20/08/2019<br>21/08/2019 |
| 28/08/2019 | 0.21    | 1.2     | <2.0         | 6.8        | 5.6              | 5.6                        | 2.75           | 0.25             | 3/09/2019<br>4/09/2019   |
| 11/09/2019 | <0.02   | 12      | <2           | 7.4        | 5.3              | 5.3                        | 2.39           | 0.34             | 18/09/2019<br>19/09/2019 |
| 26/09/2019 | 0.17    | 2.4     | <2.0         | 7.3        | 14               | 14                         | 4.04           | 0.47             | 8/10/2019<br>9/10/2019   |
| 9/10/2019  | 0.29    | 2.4     | <2.0         | 7.2        | 9.3              | 9.3                        | 5.33           | 0.32             | 15/10/2019<br>16/10/2019 |
| 23/10/2019 | 0.58    | 2.8     | <2.0         | 7.1        | 9.2              | 9.1                        | 5.23           | 0.37             | 29/10/2019<br>30/10/2019 |
| 6/11/2019  | 0.35    | 2.2     | <2.0         | 7.1        | 9.0              | 9.0                        | 3.77           | 0.34             | 12/11/2019<br>13/11/2019 |
| 20/11/2019 | 0.25    | 1.5     | <2.0         | 7.0        | 8.5              | 8.5                        | 4.31           | 0.33             | 3/12/2019<br>4/12/2019   |
| 4/12/2019  | 0.65    | 7.5     | <2.0         | 7.2        | 12               | 12                         | 5.13           | 0.52             | 10/12/2019<br>11/12/2019 |
| 18/12/2019 | 0.35    | 7.8     | <2.0         | 7.2        | 17               | 17                         | 5.41           | 0.57             | 23/12/2019<br>24/12/2019 |
| 2/01/2020  | 0.67    | 6.3     | <2.0         | 7.4        | 9.7              | 9.7                        | 5.90           | 0.49             | 13/01/2020<br>11/02/2020 |
| 15/01/2020 | 0.35    | 5.4     | <2.0         | 7.2        | 17               | 17                         | 6.32           | 0.88             | 28/01/2020<br>11/02/2020 |
| 29/01/2020 | <0.02   | 3.2     | <2.0         | 7.4        | 9.3              | 9.1                        | 2.99           | 2.87             | 11/02/2020<br>12/02/2020 |
| 12/02/2020 | 0.19    | 3.0     | 5            | 6.8        | 16               | 16                         | 4.04           | 0.67             | 25/02/2020<br>26/02/2020 |
| 25/02/2020 |         |         |              |            |                  |                            |                |                  | 26/03/2020<br>30/03/2020 |
| 26/02/2020 | 3.46    | 9.8     | <2.0         | 7.1        | 6.0              | 5.9                        | 7.99           | 0.32             | 5/03/2020<br>9/03/2020   |
| 11/03/2020 | 0.18    | 6.9     | <2.0         | 7.1        | 12               | 11                         | 3.46           | 0.48             | 25/03/2020<br>26/03/2020 |
| 25/03/2020 | 0.21    | 6.0     | <2.0         | 7.0        | 8.7              | 8.7                        | 4.43           | 0.43             | 7/04/2020<br>8/04/2020   |
| 8/04/2020  | 0.38    | 7.8     | <2.0         | 7.4        | 8.3              | 8.3                        | 5.65           | 0.49             | 21/04/2020<br>22/04/2020 |

# WWTP Effluent Monitoring

31/03/2012 to 30/04/2025

| Pollutant  | Ammonia | BOD5    | Oil & Grease | pH         | Suspended Solids | Suspended Solids Corrected | Total Nitrogen | Total Phosphorus |                          |
|------------|---------|---------|--------------|------------|------------------|----------------------------|----------------|------------------|--------------------------|
| Limits*    | 5 / 10  | 15 / 30 | 10 / 20      | 6.5-8.5    | 25 / 50          | 25 / 50                    | 30 / 60        | 6 / 12           | Received/                |
| Date       | (mg/L)  | (mg/L)  | (mg/L)       | (pH units) | (mg/L)           | (mg/L)                     | (mg/L)         | (mg/L)           | Published                |
| 21/04/2020 | 0.27    | 8.4     | <2.0         | 6.6        | 13               | 13                         | 4.71           | 0.51             | 28/04/2020<br>29/04/2020 |
| 6/05/2020  | 0.16    | 3.0     | 3            | 7.1        | 12               | 12                         | 4.31           | 0.45             | 13/05/2020<br>14/05/2020 |
| 20/05/2020 | 0.29    | 2.8     | <2.0         | 7.2        | 11               | 11                         | 3.03           | 0.54             | 28/05/2020<br>1/06/2020  |
| 3/06/2020  | 0.45    | 6.6     | <2.0         | 7.3        | 13               | 13                         | 6.24           | 0.70             | 15/06/2020<br>16/06/2020 |
| 18/06/2020 | 1.87    | 17      | 3            | 7.3        | 12               | 12                         | 6.80           | 1.06             | 30/06/2020<br>1/07/2020  |
| 1/07/2020  | 0.14    | 4.0     | <2.0         | 7.5        | 3.2              | 3.2                        | 3.73           | 0.16             | 9/07/2020<br>13/07/2020  |
| 15/07/2020 | 0.14    | 18      | <2.0         | 7.1        | 10               | 10                         | 5.47           | 0.41             | 23/07/2020<br>27/07/2020 |
| 29/07/2020 | 0.15    | 15      | <2.0         | 6.9        | 18               | 18                         | 3.95           | 0.62             | 11/08/2020<br>12/08/2020 |
| 12/08/2020 | 0.18    | 4.4     | 3            | 6.9        | 14               | 14                         | 4.83           | 0.51             | 17/08/2020<br>18/08/2020 |
| 26/08/2020 | 0.50    | 6.0     | <2.0         | 7.0        | 13               | 13                         | 5.40           | 0.47             | 8/09/2020<br>9/09/2020   |
| 9/09/2020  | 0.34    | 7.2     | 2            | 7.0        | 9.7              | 9.5                        | 4.21           | 0.41             | 17/09/2020<br>21/09/2020 |
| 23/09/2020 | 0.33    | 5.0     | <2.0         | 7.3        | 7.6              | 7.6                        | 4.20           | 0.39             | 2/10/2020<br>5/10/2020   |
| 7/10/2020  | 0.36    | 3.6     | <2.0         | 7.2        | 8.3              | 8.3                        | 5.31           | 0.45             | 20/10/2020<br>21/10/2020 |
| 21/10/2020 | 0.49    | 6.0     | <2           | 7.3        | 11               | 10                         | 5.44           | 0.88             | 27/10/2020<br>28/10/2020 |
| 4/11/2020  | 0.33    | 5.0     | <2.0         | 7.4        | 10               | 10                         | 5.13           | 0.44             | 17/11/2020<br>18/11/2020 |
| 18/11/2020 | 0.24    | 4.0     | <2.0         | 7.5        | 11               | 11                         | 5.07           | 0.59             | 30/11/2020<br>1/12/2020  |
| 2/12/2020  | 0.27    | 4.0     | <2.0         | 7.4        | 5.3              | 5.2                        | 5.09           | 0.46             | 10/12/2020<br>14/12/2020 |
| 16/12/2020 | <0.02   | 6.0     | <2.0         | 6.8        | 28               | 28                         | 4.01           | 0.97             | 24/12/2020<br>28/12/2020 |
| 30/12/2020 | 0.74    | 5.1     | <2.0         | 7.2        | 10               | 10                         | 6.67           | 0.39             | 6/01/2021<br>7/01/2021   |
| 13/01/2021 | 0.17    | 2.6     | <2.0         | 7.3        | 11               | 11                         | 4.79           | 0.57             | 25/01/2021<br>26/01/2021 |
| 27/01/2021 | 0.18    | 4.2     | <2.0         | 7.4        | 11               | 11                         | 4.19           | 0.53             | 9/02/2021<br>10/02/2021  |
| 10/02/2021 | 0.26    | 4.4     | <2.0         | 7.4        | 12               | 12                         | 3.47           | 0.63             | 23/02/2021<br>24/02/2021 |
| 24/02/2021 | 0.25    | 6.0     | <2.0         | 7.5        | 15               | 15                         | 4.68           | 0.67             | 8/03/2021<br>9/03/2021   |
| 11/03/2021 | <0.02   | 9.0     | <2.0         | 7.2        | 11               |                            | 4.30           | 1.40             | 22/03/2021<br>23/03/2021 |
| 24/03/2021 | 0.46    | 6.3     | <2.0         | 6.8        | 22               | 22                         | 3.20           | 0.82             | 9/04/2021<br>12/04/2021  |
| 7/04/2021  | 0.47    | 8.0     | 2            | 7.4        | 12               | 12                         | 3.89           | 0.53             | 21/04/2021<br>22/04/2021 |
| 21/04/2021 | 0.20    | 4.0     | <2.0         | 7.2        | 11               | 11                         | 3.66           | 0.38             | 27/04/2021<br>28/04/2021 |

# WWTP Effluent Monitoring

31/03/2012 to 30/04/2025



| Pollutant  | Ammonia | BOD5    | Oil & Grease | pH         | Suspended Solids | Suspended Solids Corrected | Total Nitrogen | Total Phosphorus |                          |
|------------|---------|---------|--------------|------------|------------------|----------------------------|----------------|------------------|--------------------------|
| Limits*    | 5 / 10  | 15 / 30 | 10 / 20      | 6.5-8.5    | 25 / 50          | 25 / 50                    | 30 / 60        | 6 / 12           | Received/                |
| Date       | (mg/L)  | (mg/L)  | (mg/L)       | (pH units) | (mg/L)           | (mg/L)                     | (mg/L)         | (mg/L)           | Published                |
| 5/05/2021  | 0.16    | 4.8     | <2           | 7.3        | 13               | 13                         | 4.12           | 0.59             | 14/05/2021<br>17/05/2021 |
| 19/05/2021 | 9.90    | 22      | <2           | 7.4        | 15               | 15                         | 17.5           | 0.58             | 31/05/2021<br>1/06/2021  |
| 2/06/2021  | 0.38    | 7.5     | <2           | 7.3        | 15               | 15                         | 7.31           | 0.46             | 10/06/2021<br>14/06/2021 |
| 16/06/2021 | 0.33    | 9.2     | <2           | 7.0        | 15               | 15                         | 5.24           | 0.67             | 22/06/2021<br>23/06/2021 |
| 30/06/2021 | 0.19    | 7.2     | <2           | 7.1        | 20               | 20                         | 5.20           | 0.57             | 12/07/2021<br>13/07/2021 |
| 14/07/2021 | 0.46    | 13      | <2           | 7.2        | 16               | 16                         | 4.25           | 0.50             | 26/07/2021<br>27/07/2021 |
| 28/07/2021 | 0.38    | 7.5     | <2           | 7.0        | 13               | 13                         | 4.34           | 0.42             | 6/08/2021<br>9/08/2021   |
| 11/08/2021 | 0.47    | 7.8     | <2           | 7.1        | 20               | 20                         | 6.79           | 0.81             | 24/08/2021<br>25/08/2021 |
| 25/08/2021 | 0.19    | 4.8     | <2           | 7.3        | 14               | 14                         | 3.80           | 0.61             | 2/09/2021<br>6/09/2021   |
| 8/09/2021  | 0.02    | <1.0    | <2           | 7.4        | 12               | 12                         | 4.66           | 0.61             | 16/09/2021<br>20/09/2021 |
| 22/09/2021 | 0.38    | 10      | 3            | 7.3        | 12               | 12                         | 5.63           | 0.55             | 5/10/2021<br>6/10/2021   |
| 6/10/2021  | 0.31    | 5.1     | <2           | 7.4        | 10               | 10                         | 5.86           | 0.54             | 14/10/2021<br>18/10/2021 |
| 20/10/2021 | 1.93    | 13      | <2           | 7.3        | 8.9              | 8.9                        | 6.76           | 0.37             | 3/11/2021<br>4/11/2021   |
| 3/11/2021  | 0.17    | 3.3     | <2           | 7.3        | 8.0              | 8.0                        | 4.54           | 0.47             | 16/11/2021<br>17/11/2021 |
| 17/11/2021 | 0.19    | 2.7     | 3            | 7.3        | 11               | 11                         | 5.93           | 0.60             | 23/11/2021<br>24/11/2021 |
| 1/12/2021  | 8.13    | 65      | 8            | 7.0        | 134              | 134                        | 15.3           | 3.45             | 15/12/2021<br>16/12/2021 |
| 15/12/2021 | 0.17    | 2.4     | <2           | 7.1        | 5.2              | 5.2                        | 4.07           | 0.27             | 23/12/2021<br>27/12/2021 |
| 29/12/2021 | 0.31    | 5.4     | <2           | 7.0        | 12               | 12                         | 4.07           | 0.61             | 11/01/2022<br>12/01/2022 |
| 12/01/2022 | 0.39    | 4.8     | 2            | 7.0        | 16               | 16                         | 2.55           | 0.77             | 21/01/2022<br>24/01/2022 |
| 25/01/2022 | 0.24    | 7.8     | <2           | 7.0        | 11               | 11                         | 3.69           | 0.51             | 1/02/2022<br>2/02/2022   |
| 9/02/2022  | 0.34    | 2.1     | <2           | 7.2        | 9.0              | 9.0                        | 4.59           | 0.49             | 16/02/2022<br>17/02/2022 |
| 23/02/2022 | 0.19    | 7.5     | <2           | 7.0        | 9.7              | 9.7                        | 4.25           | 0.46             | 4/03/2022<br>7/03/2022   |
| 9/03/2022  | 0.11    | 5.7     | <2           | 7.0        | 6.0              | 6.0                        | 3.88           | 0.21             | 16/03/2022<br>17/03/2022 |
| 23/03/2022 | 0.13    | 6.6     | <2           | 7.1        | 14               | 14                         | 2.94           | 0.31             | 5/04/2022<br>6/04/2022   |
| 6/04/2022  | 0.1     | 9.9     | <2           | 6.6        | 16               | 16                         | 4.28           | 0.34             | 13/04/2022<br>14/04/2022 |
| 21/04/2022 | 0.18    | 8.4     | <2           | 6.5        | 14               | 14                         | 3.94           | 0.39             | 3/05/2022<br>4/05/2022   |
| 4/05/2022  | 0.29    | 5.4     | <2           | 7.2        | 6.0              | 6.0                        | 5.73           | 0.29             | 17/05/2022<br>18/05/2022 |

# WWTP Effluent Monitoring

## 31/03/2012 to 30/04/2025



| Pollutant  | Ammonia | BOD5    | Oil & Grease | pH         | Suspended Solids | Suspended Solids Corrected | Total Nitrogen | Total Phosphorus |                          |
|------------|---------|---------|--------------|------------|------------------|----------------------------|----------------|------------------|--------------------------|
| Limits*    | 5 / 10  | 15 / 30 | 10 / 20      | 6.5-8.5    | 25 / 50          | 25 / 50                    | 30 / 60        | 6 / 12           | Received/                |
| Date       | (mg/L)  | (mg/L)  | (mg/L)       | (pH units) | (mg/L)           | (mg/L)                     | (mg/L)         | (mg/L)           | Published                |
| 18/05/2022 | 0.03    | 2.4     | <2           | 7.3        | 3.4              | 3.1                        | 0.44           | 0.06             | 27/05/2022<br>30/05/2022 |
| 1/06/2022  | 0.07    | 2.7     | <2           | 7.0        | 15               | 15                         | 4.50           | 0.31             | 14/06/2022<br>15/06/2022 |
| 15/06/2022 | 0.19    | 12      | 2            | 7.0        | 17               | 17                         | 6.15           | 0.46             | 28/06/2022<br>29/06/2022 |
| 16/06/2022 |         |         |              |            |                  |                            |                |                  | 17/06/2022<br>20/06/2022 |
| 29/06/2022 | 0.64    | 4.8     | <2           | 7.2        | 6.8              | 6.6                        | 6.27           | 0.33             | 12/07/2022<br>13/07/2022 |
| 13/07/2022 | 3.83    | 14      | <2           | 7.3        | 6.0              | 6.0                        | 9.04           | 0.70             | 20/07/2022<br>1/09/2022  |
| 27/07/2022 | 2.09    | 11      | 3            | 7.1        | 11               | 11                         | 5.45           | 0.47             | 2/08/2022<br>1/09/2022   |
| 10/08/2022 | 0.57    | 5.4     | <2           | 7.2        | 7.0              | 7.0                        | 4.64           | 0.71             | 24/08/2022<br>1/09/2022  |
| 24/08/2022 | 1.31    | 9.6     | <2           | 7.5        | 15               | 15                         | 4.01           | 1.22             | 6/09/2022<br>7/09/2022   |
| 7/09/2022  | 0.65    | 3.6     | <2           | 7.4        | 5.0              | 5.0                        | 5.82           | 1.04             | 19/09/2022<br>20/09/2022 |
| 21/09/2022 | 0.86    | 4.8     | <2           | 7.1        | 9.7              | 9.4                        | 4.41           | 1.58             | 29/09/2022<br>3/10/2022  |
| 5/10/2022  | 0.55    | 4.2     | <2           | 6.8        | 8.3              | 8.1                        | 6.46           | 0.70             | 18/10/2022<br>19/10/2022 |
| 19/10/2022 | 0.35    | 1.8     | <2           | 7.2        | 8.5              | 8.5                        | 3.81           | 0.52             | 26/10/2022<br>27/10/2022 |
| 3/11/2022  | 0.08    | 9.9     | <2           | 7.2        | 16               | 16                         | 4.12           | 0.56             | 15/11/2022<br>16/11/2022 |
| 16/11/2022 | 0.18    | 3.9     | <2           | 7.4        | 10               | 10                         | 3.10           | 0.50             | 23/11/2022<br>24/11/2022 |
| 30/11/2022 | 0.03    | 2.4     | <2           | 7.3        | 14               | 14                         | 4.64           | 0.67             | 13/12/2022<br>14/12/2022 |
| 14/12/2022 | 0.14    | 2.7     | <2           | 7.6        | 3.2              | 3.2                        | 3.51           | 0.39             | 28/12/2022<br>29/12/2022 |
| 28/12/2022 |         |         |              |            |                  |                            |                |                  | 29/12/2022<br>2/01/2023  |
| 12/01/2023 | 0.32    | 9.3     | <2           | 7.1        | 6.3              | 6.3                        | 5.09           | 0.80             | 23/01/2023<br>24/01/2023 |
| 25/01/2023 | 0.24    | 6.3     | <2           | 7.4        | 9.0              | 9.0                        | 4.88           | 0.64             | 7/02/2023<br>8/02/2023   |
| 8/02/2023  | 0.09    | 4.2     | <2           | 7.2        | 10               |                            | 4.10           | 0.65             | 21/02/2023<br>22/02/2023 |
| 22/02/2023 | 0.16    | 3.3     | <2           | 7.3        | 7.3              |                            | 4.29           | 0.46             | 1/03/2023<br>2/03/2023   |
| 8/03/2023  | 0.13    | 3.0     | <2           | 7.2        | 7.8              |                            | 4.29           | 0.41             | 15/03/2023<br>16/03/2023 |
| 22/03/2023 | 0.14    | 3.3     | <2           | 7.3        | 10               |                            | 3.99           | 0.54             | 4/04/2023<br>5/04/2023   |
| 5/04/2023  | 0.15    | 3.6     | <2           | 7.3        | 9.0              |                            | 3.92           | 0.45             | 12/04/2023<br>13/04/2023 |
| 19/04/2023 | 0.20    | 3.0     | 2            | 7.2        | 8.9              |                            | 4.28           | 0.43             | 2/05/2023<br>3/05/2023   |
| 3/05/2023  | 0.14    | 3.3     | <2           | 7.1        | 8.4              |                            | 4.14           | 0.46             | 10/05/2023<br>11/05/2023 |

# WWTP Effluent Monitoring

## 31/03/2012 to 30/04/2025

| Pollutant  | Ammonia | BOD5    | Oil & Grease | pH         | Suspended Solids | Suspended Solids Corrected | Total Nitrogen | Total Phosphorus |                          |
|------------|---------|---------|--------------|------------|------------------|----------------------------|----------------|------------------|--------------------------|
| Limits*    | 5 / 10  | 15 / 30 | 10 / 20      | 6.5-8.5    | 25 / 50          | 25 / 50                    | 30 / 60        | 6 / 12           | Received/                |
| Date       | (mg/L)  | (mg/L)  | (mg/L)       | (pH units) | (mg/L)           | (mg/L)                     | (mg/L)         | (mg/L)           | Published                |
| 18/05/2023 | 0.03    | 4.8     | <2           | 6.9        | 11               |                            | 3.56           | 0.45             | 25/05/2023<br>29/05/2023 |
| 1/06/2023  | 0.1     | 6.0     | <2           | 7.1        | 15               |                            | 3.89           | 0.64             | 13/06/2023<br>14/06/2023 |
| 14/06/2023 | 0.1     | 7.8     | <2           | 7.2        | 13               |                            | 3.29           | 0.62             | 27/06/2023<br>28/06/2023 |
| 28/06/2023 | 0.28    | 11      | <2           | 7.1        | 8.3              |                            | 3.81           | 0.51             | 11/07/2023<br>12/07/2023 |
| 12/07/2023 | 0.15    | 10      | <2           | 7.1        | 7.8              |                            | 4.99           | 0.38             | 21/07/2023<br>24/07/2023 |
| 26/07/2023 | 0.23    | 9.0     | <2           | 7.1        | 5.8              |                            | 3.46           | 0.31             | 1/08/2023<br>2/08/2023   |
| 9/08/2023  | 0.19    | 6.0     | <2           | 7.2        | 7.0              |                            | 4.58           | 0.42             | 16/08/2023<br>17/08/2023 |
| 23/08/2023 | 0.26    | 5.4     | <2           | 7.1        | 14               |                            | 3.67           | 0.66             | 5/09/2023<br>6/09/2023   |
| 6/09/2023  | 0.21    | 3.9     | <2           | 7.1        | 2.6              |                            | 4.06           | 0.28             | 20/09/2023<br>21/09/2023 |
| 20/09/2023 | 0.45    | 6.6     | <2           | 7.2        | 8.4              |                            | 2.72           | 0.65             | 28/09/2023<br>2/10/2023  |
| 4/10/2023  | 0.51    | 8.4     | <2           | 7.1        | 15               |                            | 3.01           | 0.91             | 12/10/2023<br>16/10/2023 |
| 18/10/2023 | 0.41    | 4.2     | <2           | 7.1        | 4.0              |                            | 2.77           | 0.86             | 26/10/2023<br>30/10/2023 |
| 1/11/2023  | 0.25    | 7.8     | <2           | 7.3        | 14               |                            | 4.01           | 4.23             | 13/11/2023<br>14/11/2023 |
| 15/11/2023 | 0.15    | 2.1     | <2           | 7.7        | <1               |                            | 3.74           | 3.65             | 22/11/2023<br>23/11/2023 |
| 30/11/2023 | 0.19    | 4.2     | <2           | 7.5        | 3                |                            | 3.83           | 3.34             | 8/12/2023<br>11/12/2023  |
| 13/12/2023 | 0.39    | 5.1     | <2           | 7.0        | 7                |                            | 3.40           | 2.33             | 21/12/2023<br>25/12/2023 |
| 27/12/2023 | 0.36    | 8.4     | <2           | 7.2        | 4                |                            | 3.36           | 2.36             | 9/01/2024<br>10/01/2024  |
| 10/01/2024 | 0.35    | 1.5     | <2           | 7.2        | 5                |                            | 4.04           | 1.92             | 17/01/2024<br>18/01/2024 |
| 24/01/2024 | 0.39    | <1.0    | <2           | 7.2        | 4                |                            | 2.38           | 1.11             | 1/02/2024<br>5/02/2024   |
| 7/02/2024  | 0.30    | 3.0     | <2           | 7.1        | <1               |                            | 5.59           | 4.98             | 19/02/2024<br>20/02/2024 |
| 22/02/2024 | 0.36    | 13      | <2           | 7.1        | 70               |                            | 6.13           | 4.63             | 5/03/2024<br>6/03/2024   |
| 6/03/2024  | 0.28    | 3.3     | <2           | 7.2        | 5                |                            | 2.92           | 3.40             | 13/03/2024<br>14/03/2024 |
| 21/03/2024 | 0.59    | 1.5     | <2           | 7.2        | 4                |                            | 5.02           | 2.41             | 2/04/2024<br>3/04/2024   |
| 3/04/2024  | 0.19    | 10      | <2           | 7.2        | 7                |                            | 4.23           | 1.86             | 16/04/2024<br>17/04/2024 |
| 17/04/2024 | 0.18    | 1.5     | <2           | 7.3        | 7                |                            | 3.01           | 1.70             | 24/04/2024<br>25/04/2024 |
| 2/05/2024  | 0.49    | 2.7     | <2           | 7.3        | 9                |                            | 3.24           | 1.33             | 14/05/2024<br>15/05/2024 |
| 15/05/2024 | 0.30    | 2.7     | <2           | 7.3        | 6                |                            | 1.98           | 2.48             | 27/05/2024<br>28/05/2024 |

# WWTP Effluent Monitoring

31/03/2012 to 30/04/2025



| Pollutant  | Ammonia | BOD5    | Oil & Grease | pH         | Suspended Solids | Suspended Solids Corrected | Total Nitrogen | Total Phosphorus |                          |
|------------|---------|---------|--------------|------------|------------------|----------------------------|----------------|------------------|--------------------------|
| Limits*    | 5 / 10  | 15 / 30 | 10 / 20      | 6.5-8.5    | 25 / 50          | 25 / 50                    | 30 / 60        | 6 / 12           | Received/                |
| Date       | (mg/L)  | (mg/L)  | (mg/L)       | (pH units) | (mg/L)           | (mg/L)                     | (mg/L)         | (mg/L)           | Published                |
| 29/05/2024 | 0.44    | 7.2     | <2           | 7.3        | 7                |                            | 2.82           | 2.59             | 7/06/2024<br>10/06/2024  |
| 13/06/2024 | 0.31    | 2.4     | <2           | 7.4        | 3                |                            | 2.75           | 3.62             | 25/06/2024<br>26/06/2024 |
| 27/06/2024 | 0.13    | <1.0    | <2           | 7.3        | 6                |                            | 1.89           | 1.59             | 8/07/2024<br>9/07/2024   |
| 10/07/2024 | 0.28    | 1.5     | <2           | 7.2        | 3                |                            | 2.20           | 0.59             | 18/07/2024<br>22/07/2024 |
| 24/07/2024 | 0.45    | 6.9     | <2           | 7.5        | 8.7              |                            | 3.04           | 2.35             | 6/08/2024<br>7/08/2024   |
| 8/08/2024  | 0.56    | 10      | <2           | 7.3        | 6.0              |                            | 2.92           | 4.93             | 20/08/2024<br>21/08/2024 |
| 21/08/2024 | 0.54    | 6.9     | <2           | 7.2        | 1.3              |                            | 3.11           | 4.23             | 29/08/2024<br>9/10/2024  |
| 5/09/2024  | 0.69    | 5.4     | <2           | 7.3        | 4.2              |                            | 3.95           | 5.46             | 18/09/2024<br>9/10/2024  |
| 18/09/2024 | 1.06    | 11      | <2           | 7.2        | 5.4              |                            | 3.53           | 5.68             | 25/09/2024<br>9/10/2024  |
| 3/10/2024  | 2.53    | 17      | 2            | 7.1        | 13               |                            | 5.21           | 8.51             | 14/10/2024<br>16/10/2024 |
| 17/10/2024 | 0.37    | 6.3     | <2           | 7.1        | 4.9              |                            | 3.96           | 2.36             | 28/10/2024<br>29/10/2024 |
| 31/10/2024 | 0.05    | 8.1     | <2           | 9.0        | 13               |                            | 1.89           | 1.37             | 8/11/2024<br>11/11/2024  |
| 11/11/2024 | 17.3    | 17      | <2           | 7.2        | 6.0              |                            | 28.4           | 5.50             | 21/11/2024<br>8/01/2025  |
| 26/11/2024 | 1.25    | 5.1     | <2           | 7.9        | 4.0              |                            | 4.63           | 1.95             | 4/12/2024<br>5/12/2024   |
| 10/12/2024 | 1.06    | 12      | <2           | 7          | 4.5              |                            | 5.27           | 1.98             | 17/12/2024<br>18/12/2024 |
| 23/12/2024 | 1.99    | 5.7     | <2           | 7.2        | 4.6              |                            | 3.95           | 3.85             | 7/01/2025<br>8/01/2025   |
| 8/01/2025  | 1.21    | 9.6     | <2           | 7.4        | 26               |                            | 2.51           | 0.93             | 20/01/2025<br>21/01/2025 |
| 22/01/2025 | 0.97    | 4.5     | <2           | 7.1        | 3.2              |                            | 3.63           | 2.13             | 31/01/2025<br>3/02/2025  |
| 5/02/2025  | 0.77    | 8.4     | <2           | 6.9        | 2.7              |                            | 5.04           | 3.98             | 17/02/2025<br>18/02/2025 |
| 19/02/2025 | 0.61    | 3.9     | <2           | 7.1        | 4.3              |                            | 3.45           | 1.59             | 3/03/2025<br>4/03/2025   |
| 4/03/2025  | 0.31    | 1.5     | <2           | 7.2        | 4.2              |                            | 5.80           | 3.44             | 18/03/2025<br>19/03/2025 |
| 19/03/2025 | 0.14    | 2.7     | <2           | 7.1        | 5.4              |                            | 3.30           | 0.53             | 3/04/2025<br>7/04/2025   |
| 2/04/2025  | 0.24    | 3.0     | <2           | 6.8        | 8.2              |                            | 1.77           | 0.64             | 9/04/2025<br>10/04/2025  |
| 23/04/2025 | 0.36    | 4.2     | <2           | 7.1        | 4.6              |                            | 3.02           | 1.29             | 29/04/2025<br>30/04/2025 |

## WWTP Effluent Monitoring

31/03/2012 to 30/04/2025



### **\*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.

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.

