

# Source Water (Treated Wastewater) - July 2023 to June 2024

## Passive sample data

| Parameter                                             | CAS RN     | Unit of measure | Number of samples | Minimum   | Average     | Maximum   |
|-------------------------------------------------------|------------|-----------------|-------------------|-----------|-------------|-----------|
| 12346789-Octachlorodibenzofuran (12346789-OCDF)       | 39001-02-0 | pg/L            | 23                | <0.0003   | 0.0013      | 0.023     |
| 12346789-Octachlorodibenzo-p-dioxin (12346789-OCDD)   | 3268-87-9  | pg/L            | 23                | 0.011     | 0.2917      | 1.94      |
| 1234678-Heptachlorodibenzofuran (1234678-HpCDF)       | 67562-39-4 | pg/L            | 23                | <0.0001   | 0.0006      | 0.004     |
| 1234678-Heptachlorodibenzo-p-dioxin (1234678-HpCDD)   | 35822-46-9 | pg/L            | 23                | 0.001     | 0.0107      | 0.033     |
| 1234789-Heptachlorodibenzofuran (1234789-HpCDF)       | 55673-89-7 | pg/L            | 23                | <0.0001   | 0.00001304  | 0.0002    |
| 123478-Hexachlorodibenzofuran (123478-HxCDF)          | 70648-26-9 | pg/L            | 23                | <0.0001   | 0.0000913   | 0.0004    |
| 123478-Hexachlorodibenzo-p-dioxin (123478-HxCDD)      | 39227-28-6 | pg/L            | 23                | <0.0002   | 0.00003043  | 0.0004    |
| 123678-Hexachlorodibenzofuran (123678-HxCDF)          | 57117-44-9 | pg/L            | 23                | <0.0001   | 0.00006522  | 0.0004    |
| 123678-Hexachlorodibenzo-p-dioxin (123678-HxCDD)      | 57653-85-7 | pg/L            | 23                | <0.0003   | 0.0007478   | 0.002     |
| 123789-Hexachlorodibenzofuran (123789-HxCDF)          | 72918-21-9 | pg/L            | 23                | <0.0001   | <0.0001261  | <0.0003   |
| 123789-Hexachlorodibenzo-p-dioxin (123789-HxCDD)      | 19408-74-3 | pg/L            | 23                | <0.0003   | 0.0003652   | 0.002     |
| 12378-Pentachlorodibenzofuran (12378-PeCDF)           | 57117-41-6 | pg/L            | 23                | <0.0001   | 0.00008696  | 0.0007    |
| 12378-Pentachlorodibenzo-p-dioxin (12378-PeCDD)       | 40321-76-4 | pg/L            | 23                | <0.0001   | 0.0009174   | 0.007     |
| 234678-Hexachlorodibenzofuran (234678-HxCDF)          | 60851-34-5 | pg/L            | 23                | <0.0001   | 0.000008696 | 0.0002    |
| 23478-Pentachlorodibenzofuran (23478-PeCDF)           | 57117-31-4 | pg/L            | 23                | <0.0001   | 0.0001609   | 0.001     |
| 2378-Tetrachlorodibenzofuran (2378-TCDF)              | 51207-31-9 | pg/L            | 23                | <0.0005   | 0.002017    | 0.011     |
| 2378-Tetrachlorodibenzo-p-dioxin (2378-TCDD)          | 1746-01-6  | pg/L            | 23                | <0.0001   | <0.0005739  | <0.002    |
| Dioxin and Dioxin-like Toxic Equivalent (TEQ)(0.5LOR) |            | pg/L            | 23                | 0.0008385 | 0.0025      | 0.0095186 |
| Dioxin and Dioxin-like Toxic Equivalent (TEQ)(OLOR)   |            | pg/L            | 23                | 0.0001757 | 0.0020      | 0.0089036 |
| Dioxin and Dioxin-like Toxic Equivalent (TEQ)(LOR)    |            | pg/L            | 23                | 0.001145  | 0.0030      | 0.0101337 |
| Dioxin Toxic Equivalent (TEQ)(0.5LOR)                 |            | pg/L            | 23                | 0.0005    | 0.001999    | 0.0081511 |
| Dioxin Toxic Equivalent (TEQ)(OLOR)                   |            | pg/L            | 23                | 0.0000496 | 0.001501    | 0.007536  |
| Dioxin Toxic Equivalent (TEQ)(LOR)                    |            | pg/L            | 23                | 0.0006843 | 0.002497    | 0.0087662 |
| PCB Toxic Equivalent (TEQ)(0.5LOR)                    |            | pg/L            | 23                | 0.0001256 | 0.0004758   | 0.0013676 |
| PCB Toxic Equivalent (TEQ)(OLOR)                      |            | pg/L            | 23                | 0.0000195 | 0.0004674   | 0.0013676 |
| PCB Toxic Equivalent (TEQ)(LOR)                       |            | pg/L            | 23                | 0.0001381 | 0.0004842   | 0.0013676 |
| PCB105 (2,3,3,4,4-Pentachlorobiphenyl)                | 32598-14-4 | pg/L            | 23                | 0.105     | 0.2807      | 0.603     |
| PCB114 (2,3,4,4,5-Pentachlorobiphenyl)                | 74472-37-0 | pg/L            | 23                | 0.011     | 0.02287     | 0.041     |
| PCB118 (2,3,4,4,5-Pentachlorobiphenyl)                | 31508-00-6 | pg/L            | 23                | 0.295     | 0.677       | 1.36      |
| PCB123 (2,3,4,4,5-Pentachlorobiphenyl)                | 65510-44-3 | pg/L            | 23                | <0.001    | 0.01743     | 0.137     |
| PCB126 (3,3,4,4,5-Pentachlorobiphenyl)                | 57465-28-8 | pg/L            | 23                | <0.002    | 0.003696    | 0.009     |
| PCB156 (2,3,3,4,4,5-Hexachlorobiphenyl)               | 38380-08-4 | pg/L            | 23                | 0.016     | 0.04417     | 0.091     |
| PCB157 (2,3,3,4,4,5-Hexachlorobiphenyl)               | 69782-90-7 | pg/L            | 23                | <0.004    | 0.009391    | 0.021     |
| PCB167 (2,4,5,3,4,5-Hexachlorobiphenyl)               | 52663-72-6 | pg/L            | 23                | 0.006     | 0.0155      | 0.033     |
| PCB169 (3,4,5,3,4,5-Hexachlorobiphenyl)               | 32774-16-6 | pg/L            | 23                | <0.0001   | 0.001717    | 0.014     |
| PCB189 (2,3,3,4,4,5,5-Heptachlorobiphenyl)            | 39635-31-9 | pg/L            | 23                | <0.0002   | 0.001       | 0.004     |
| PCB77 (3,3,4,4-Tetrachlorobiphenyl)                   | 32598-13-3 | pg/L            | 23                | 0.053     | 0.1297      | 0.255     |
| PCB81 (3,4,4,5-Tetrachlorobiphenyl)                   | 70362-50-4 | pg/L            | 23                | <0.002    | 0.0043      | 0.007     |
| Total number of tests in reporting period             |            | n               | 874               |           |             |           |

Average is calculated such that where a detection exists any less than values have been treated as zero. Where all values are less than, the average has been calculated from the less than figures and reported as less than which is effectively non-detected above LOR.