## Summary of Energy Consumption and Greenhouse Gas (GHG) Emissions Reporting (2018-2024)

## **Lake Huron Water Treatment Plant**

| Reporting | Total Treated | Average  | Total       | Total Natural     | Total GHG | Total GHG    | Energy    |
|-----------|---------------|----------|-------------|-------------------|-----------|--------------|-----------|
| Year      | Water Volume  | Flow     | Electricity | Gas               | Emissions | Emissions    | Intensity |
|           | (ML)          | (m³/day) | Consumption | Consumption       | (kg)      | (Metric Tons | (ekWh/ML) |
|           | , ,           | , J      | (kWh)       | (m <sup>3</sup> ) | , σ,      | CO2e)        | ,         |
| 2018      | 44,821.70     |          | 29,775,542  | 296,907           | 1,441,147 |              | 734.71    |
| 2019      | 44,266.52     |          | 28,922,425  | 310,951           | 1,469,245 |              | 728.03    |
| 2020      | 45,514.83     |          | 29,954,884  | 264,063           | 1,261,536 |              | 719.79    |

Effective 2021: Reporting is now through the Energy Star Portfolio Manager® application

| Reporting | Total Treated | Average  | Total       | Total Natural     | Total GHG | Total GHG    | Energy    |
|-----------|---------------|----------|-------------|-------------------|-----------|--------------|-----------|
| Year      | Water Volume  | Flow     | Electricity | Gas               | Emissions | Emissions    | Intensity |
|           | (ML)          | (m³/day) | Consumption | Consumption       | (kg)      | (Metric Tons | (ekWh/ML) |
|           |               |          | (kWh)       | (m <sup>3</sup> ) |           | CO2e)        |           |
| 2021      | 45,515.82     | 124,700  | 30,375,927  | 180,293           | 1,229,300 | 1,229.3      |           |
| 2022      | 46,926.88     | 128,570  | 30,934,961  | 195,788           | 1,244,500 | 1,244.5      |           |
| 2023      | 48,013.44     | 131,540  | 29,791,776  | 186,265           | 1,194,100 | 1,194.1      |           |
| 2024      | 49,425.66     | 135,040  | 29,240,558  | 132,528           | 1,308,620 | 1,308.62     |           |