DECEW FALLS
WATER TREATMENT PLANT

ANNUAL SUMMARY REPORT
(Prepared under Ontario Regulation 170/03)

January 1 to December 31, 2018

Ministry of the Environment, Conservation and Parks

Municipal Drinking Water License # 007-102
Drinking Water Works Permit # 007-202
1. Failure to meet with the requirements of the Act, the regulation, the system’s approval:

The Decew Falls Water Treatment Plant was operated in such a way that at no time did it fail to meet or exceed the requirements of the Act, the Regulations, the system’s approval or any order that may have been issued for this reporting period.

2. A summary of flows for the reporting period January 1, 2018 – December 31, 2018:

<table>
<thead>
<tr>
<th>Date</th>
<th>2018 TOTAL FLOW</th>
<th>AVERAGE DAY</th>
<th>MAX. DAY</th>
<th>MIN. DAY</th>
<th>MAX. FLOW RATE</th>
<th>MIN. FLOW RATE</th>
<th>WASTE SLUDGE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Raw (ML)</td>
<td>Treated (ML)</td>
<td>Raw (ML)</td>
<td>Treated (ML)</td>
<td>Raw (ML)</td>
<td>Treated (ML)</td>
<td></td>
</tr>
<tr>
<td>Jan</td>
<td>1747.219</td>
<td>1554.102</td>
<td>56.362</td>
<td>50.132</td>
<td>52.878</td>
<td>47.948</td>
<td>79.436</td>
</tr>
<tr>
<td>Feb</td>
<td>1564.273</td>
<td>1374.048</td>
<td>55.867</td>
<td>49.073</td>
<td>52.782</td>
<td>46.148</td>
<td>102.588</td>
</tr>
<tr>
<td>Mar</td>
<td>1729.191</td>
<td>1529.487</td>
<td>55.780</td>
<td>49.338</td>
<td>51.362</td>
<td>47.224</td>
<td>74.101</td>
</tr>
<tr>
<td>Apr</td>
<td>1677.964</td>
<td>1489.972</td>
<td>55.932</td>
<td>49.666</td>
<td>53.904</td>
<td>47.001</td>
<td>72.347</td>
</tr>
<tr>
<td>May</td>
<td>1900.540</td>
<td>1728.820</td>
<td>61.308</td>
<td>55.924</td>
<td>78.354</td>
<td>28.757</td>
<td>94.029</td>
</tr>
<tr>
<td>Jun</td>
<td>2190.617</td>
<td>2039.161</td>
<td>73.021</td>
<td>67.972</td>
<td>94.908</td>
<td>54.981</td>
<td>101.540</td>
</tr>
<tr>
<td>Jul</td>
<td>2383.023</td>
<td>2314.860</td>
<td>76.872</td>
<td>74.673</td>
<td>93.786</td>
<td>63.726</td>
<td>112.529</td>
</tr>
<tr>
<td>Aug</td>
<td>2210.630</td>
<td>2055.174</td>
<td>71.311</td>
<td>66.296</td>
<td>74.668</td>
<td>57.917</td>
<td>130.316</td>
</tr>
<tr>
<td>Sep</td>
<td>1971.414</td>
<td>1814.582</td>
<td>65.714</td>
<td>60.486</td>
<td>68.567</td>
<td>55.336</td>
<td>90.257</td>
</tr>
<tr>
<td>Oct</td>
<td>1752.368</td>
<td>1616.921</td>
<td>56.528</td>
<td>52.159</td>
<td>54.237</td>
<td>49.514</td>
<td>77.662</td>
</tr>
<tr>
<td>Nov</td>
<td>1613.699</td>
<td>1478.511</td>
<td>53.790</td>
<td>49.284</td>
<td>51.976</td>
<td>47.055</td>
<td>78.401</td>
</tr>
<tr>
<td>Dec</td>
<td>1630.932</td>
<td>1490.453</td>
<td>52.611</td>
<td>48.079</td>
<td>50.940</td>
<td>42.939</td>
<td>101.623</td>
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<tr>
<td>TOTAL</td>
<td>22371.870</td>
<td>20486.091</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>34.071</td>
</tr>
</tbody>
</table>

* The flow rates are moments in time, and can be affected by various circumstances, such as pump changes or valve position and therefore not unusual to have higher or lower than normal flows.
3. **A comparison of actual flows to that of the flow rates set out in the system’s approval:**

Flow rates as set in:
- Municipal Drinking Water License # 007-102
- Drinking Water Works Permit # 007-202

Maximum daily flow: 227.300 ML
Maximum flow rate: 227.300 ML/day

<table>
<thead>
<tr>
<th>Date</th>
<th>AVERAGE DAY</th>
<th>% OF RATED CAPACITY</th>
<th>MAX. DAY</th>
<th>% OF RATED CAPACITY</th>
<th>MAX. FLOW RATE</th>
<th>% OF RATED CAPACITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan</td>
<td>50.132</td>
<td>22.1%</td>
<td>52.878</td>
<td>23.3%</td>
<td>79.436</td>
<td>34.9%</td>
</tr>
<tr>
<td>Feb</td>
<td>49.073</td>
<td>21.6%</td>
<td>52.782</td>
<td>23.2%</td>
<td>102.588</td>
<td>45.1%</td>
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<tr>
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<td>21.7%</td>
<td>51.362</td>
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<td>53.904</td>
<td>23.7%</td>
<td>72.347</td>
<td>31.8%</td>
</tr>
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<td>24.6%</td>
<td>78.354</td>
<td>34.5%</td>
<td>94.029</td>
<td>41.4%</td>
</tr>
<tr>
<td>Jun</td>
<td>67.972</td>
<td>29.9%</td>
<td>94.908</td>
<td>41.8%</td>
<td>101.540</td>
<td>44.7%</td>
</tr>
<tr>
<td>Jul</td>
<td>74.673</td>
<td>32.9%</td>
<td>93.786</td>
<td>41.3%</td>
<td>112.529</td>
<td>49.5%</td>
</tr>
<tr>
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<td>66.296</td>
<td>29.2%</td>
<td>74.668</td>
<td>32.8%</td>
<td>130.316</td>
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