

## Executive Summary

### 2017 Annual Report

#### Township of Emo Sewage Facilities

- Total volume of sewage entering lagoons 123,089 m<sup>3</sup>/ 365= 337 m<sup>3</sup>/ day average.
  
- Cell #1 was discharged in May/June for a total of 14 days with a total of 2 samples taken for BOD. With an average of 5.25 mg/l – 2 samples taken for TSS with an average of 3.9 mg/l. 2 samples taken for T.K.N with an average of 6.44 mg/l. 2 samples taken for T.P with an average of 1.16 mg/l. Total discharge was 76,377 m<sup>3</sup>.
  
- Cell #1 was discharged again in October for a total of 14 days with a total of 2 sample for BOD with an average result of 4.1 mg/l. 2 sample taken for TSS with an average result of 36.3 mg/l. 2 sample taken for TKN with an average result of 2.985 mg/l. 2 sample taken for T.P with an average result of 0.602 mg/l.  
Total discharge was 56,875 m<sup>3</sup>.
  
- Cell #2 was discharged in November for a total of 12 days with a total of 2 samples for BOD with an average result of < 2.0 mg/l. 2 samples taken for TSS with an average result of 18 mg/l. 2 samples taken for TKN with an average result of 10.19 mg/l. 2 samples taken for T.P with an average result of 1.36 mg/l.  
Total discharge was 39,786 m<sup>3</sup>.

Before each and every discharge, samples were taken and sent to ALS Laboratories to ensure we were below the requirements.. Grab samples were taken at discharge pipe entering the drainage pipe. Samples were taken once per week as per our ECA.

There were no emergency upsets in the year 2017.

**Township of Emo**

**Raw Sewage Flows**

**From Roy Street Lift Station to Lagoon**

**Monthly Total and Average for the Year 2017**

<b>Month</b>	<b>Total</b>	<b>Daily Average</b>
<b>January</b>	<b>7,853</b>	<b>253</b>
<b>February</b>	<b>10,671</b>	<b>381</b>
<b>March</b>	<b>13,524</b>	<b>436</b>
<b>April</b>	<b>13,150</b>	<b>438</b>
<b>May</b>	<b>10,516</b>	<b>339</b>
<b>June</b>	<b>10,693</b>	<b>356</b>
<b>July</b>	<b>9,148</b>	<b>295</b>
<b>August</b>	<b>9,032</b>	<b>291</b>
<b>September</b>	<b>10,269</b>	<b>342</b>
<b>October</b>	<b>9,765</b>	<b>315</b>
<b>November</b>	<b>9,735</b>	<b>324</b>
<b>December</b>	<b>8,727</b>	<b>282</b>
<b>Total</b>	<b>123,089 m<sup>3</sup></b>	<b>337 m<sup>3</sup>/day</b>