Investing to build our **Community for Life**

**Thriving**
Wastewater

**2019 Budget**

Safely treating millions of litres of wastewater everyday
<table>
<thead>
<tr>
<th>Fast Facts</th>
<th>2019 Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>633 million</strong> litres of wastewater treated in Region of Peel facilities every day</td>
<td>WASTEWATER</td>
</tr>
<tr>
<td><strong>3,395 km</strong> length of sanitary sewer mains operated by Peel</td>
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<tr>
<td><strong>417 km</strong> of sewer mains inspected annually by closed-circuit television cameras (12% of the system)</td>
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<tr>
<td><strong>326,544</strong> wastewater accounts</td>
<td></td>
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*Figures presented to Council in January 2019 were estimates*
Sustaining Wastewater Services

- Maintaining a network of flow meters and investing in top inflow and infiltration areas
- Investing in sewer condition assessment, rehabilitation and expansion to address overflows
How We are Adapting

- Avoided an increase of **$3.0M** in electricity costs for 2018 by participating in the Industrial Conservation Initiative
- Enhanced existing capital standards to reduce amount of inflow and infiltration impacting our wastewater collection system
- Enhanced inspection and rehabilitation program for large trunk sewers
2019 Service Investments

Service Pressure
- Growing population
- Aging infrastructure
- More intense rainfall

Investment
- Investing in wastewater condition assessment and rehabilitation
- Operationalizing by-law enforcement
- +$284K Operating

Service outcome:
Wastewater is removed in a safe and environmentally responsible manner
2019 Service Investments

Service Pressure
Extensive capital program for aging infrastructure

Service outcome:
Wastewater is removed in a safe and environmentally responsible manner

Funding Gap

- Utility Supported 2019-2038 Non-DC Capital Plan Portion to be Funded from Utility Rate: $5.7B
- Total Available Funding (Including Interest): $4.1B
- Unfunded Gap — Requires 5% for 3 Years: 5% ↑ in 2019

Investment
$6.6M
5% Infrastructure Levy
## Summary of 2019 Net Operating Budget

### 2018 Net Base Budget (In $Millions)

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>$2018 Net Base Budget</td>
<td>$133.1</td>
</tr>
</tbody>
</table>

### Cost to maintain 2018 service level

- Electricity: 1.3
- Ontario Clean Water Agency (OCWA) contract: 1.8
- Reduction in tax support of Utility operations: 2.2
- Inflation and other: 1.1

**Sub-total: Cost to maintain 2018 service level** | $6.4

### 2019 Service Demand

- Condition reassessment and rehabilitation and by-law enforcement*: 0.0
- 5% Infrastructure Levy: 6.6

**Sub-total: Service Demand** | $6.6

### 2019 Proposed Net Budget Change from 2018

**$13.0**

### Proposed Total 2019 Net Budget

**$146.1**

* Mostly recovered from capital and user fee
2019 Capital Budget – $220.1 Million

State of Good Repair
$104.2M, 48%

Externally Funded
$4.2M, 2%

DC Funded Growth
$111.7M, 50%

Key Highlights

• $68M to construct new sanitary sewers to service growth in Peel
• $65M in major capital improvements at the lake-based wastewater treatment plants
• $42M to construct new sewers in the Cawthra Road/Burnhamthorpe area to provide for growth and reduce the risk of flooding due to sewer surcharging
• $33M investment in replacement and rehabilitation in Peel’s linear wastewater infrastructure
### Key Financial Information

#### Resources to Achieve Level of Service

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>2019</th>
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<tbody>
<tr>
<td>Net Expenditures ($M)</td>
<td>$133.1</td>
<td>$146.1</td>
</tr>
<tr>
<td>Full-Time Staffing Resources</td>
<td>231</td>
<td>233</td>
</tr>
<tr>
<td>Capital Investment ($M)</td>
<td>$220.1</td>
<td>(1,737.5)</td>
</tr>
<tr>
<td>10-Year Capital Investment ($M)</td>
<td>(1,737.5)</td>
<td>(1,737.5)</td>
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#### Outlook Years

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<thead>
<tr>
<th></th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
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<tbody>
<tr>
<td>Net Increase ($M)</td>
<td>$11.7</td>
<td>$12.0</td>
<td>$11.4</td>
</tr>
<tr>
<td>% Increase</td>
<td>8.0%</td>
<td>7.6%</td>
<td>6.7%</td>
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