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**REPORT TITLE:** **Enterprise Asset Management Program**

**FROM:** Stephen Van Ofwegen, Commissioner of Finance and Chief Financial Officer

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## **RECOMMENDATION**

**That the amendments to the asset classes and asset levels of service, outlined in Appendix II of the report of the Commissioner of Finance and Chief Financial Officer, listed on the February 11, 2021 Regional Council Budget agenda, titled “Enterprise Asset Management”, be approved.**

## **REPORT HIGHLIGHTS**

- The Region of Peel’s (Region) infrastructure is a public investment worth over \$32.1 billion, including Peel Housing Corporation at \$2.5 billion (excludes Police and land assets).
  - Oversight of Peel Housing Corporation (PHC) assets is provided by the PHC Board in accordance with the Shareholder Direction.
  - In 2020, on average, the Region’s infrastructure is in a good state of repair. Currently 84 per cent of the infrastructure portfolios meet Council’s risk management targets
  - By 2029 and as the Region’s infrastructure ages, the proposed capital investment of \$3 billion will maintain Peel’s asset portfolio in good condition, in relation to Council’s risk management targets.
  - Council has adopted a balanced approach for infrastructure, selecting a “moderate” tolerance for infrastructure risk, which prefers safe service delivery with limited tolerance for uncertainty. The current state of the infrastructure is compatible with Council’s risk tolerance.
  - Despite the good state of repair of the Region’s infrastructure, there are several challenges and emerging trends that create risks the organization must address. The Region’s positive status with respect to infrastructure provides capacity and flexibility to manage these risks.
  - The Region is implementing an improvement plan that aligns the Region’s asset management program with international standards and best practices. The plan identifies numerous improvement initiatives that will be implemented over the next several years.
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## **DISCUSSION**

### **1. Background**

Through each Term of Council, the Region will focus on achieving outcomes that support the vision of “Community for Life”. These achievements facilitate progress in each of the areas of Living, Thriving and Leading and in turn create a place where everyone enjoys a

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sense of belonging and has access to the services they need to thrive. A key component of creating such a community is having the infrastructure to do so. Roads, water and wastewater pipes, paramedic equipment, long term care facilities and housing are all critical for ensuring a healthy, vibrant and safe community. As an asset intensive organization, the Region recognizes that keeping these assets in good working order is essential to providing high quality and affordable municipal services.

The Region of Peel's infrastructure is a public investment worth over \$32.1 billion, including Peel Housing Corporation assets valued at \$2.5 billion, (excludes Police and land assets), and the Region is committed to effective stewardship of this public asset through good asset management. Peel's Asset Management Program supports the Long-Term Financial Planning Strategy objectives 1.2 – “Ensure the Capital Plan is sustainable” and 1.3 – “Maintain assets”.

This report provides an update on the status of Peel's asset management program and identifies any emerging issues or opportunities.

### **2. Region's Asset Management Program**

Enterprise Asset Management is an integral part of the Region of Peel's strategic and long-term planning practices. Introduced in 2007, the program focuses on developing sustainable plans to maintain the assets over a planning horizon that can be as long as 100 years. Guided by the principle of continuous improvement, these plans support Council's level of service targets, emerging pressures and long-term financial strategies. The Region's Asset Management program is also guided by industry best practice, as well as regulatory requirements. As such, the program is continuously evolving in order to leverage opportunities, enhance service delivery and address challenges.

#### **a) Region's Asset Management 2020 Status Update**

One of the outcomes of the Region's Asset Management Program is the annual update of the Infrastructure Status and Outlook Report. The 2020 report, attached as Appendix I, summarizes the status of the Region's infrastructure. In addition, the report also describes some of the proposed major future actions required to maintain or improve the infrastructure in order to meet Council's level of service objectives. This status update includes Peel Housing Corporation. Oversight of the Peel Housing Corporation (PHC) assets is provided by the PHC board in accordance with the Shareholder Direction. The Shareholder Direction pertains to the Region's role as the sole Shareholder and provide the Board with the fundamental principles, expectations and objectives.

#### **b) The Region of Peel's Infrastructure Status and Outlook**

Currently the Region of Peel's \$32.1 billion infrastructure portfolio, on average, is in a good state of repair. The good condition is due to previous capital programs that have added and replaced many outdated and deficient assets with new, modernized infrastructure. In time, the Region's relatively new infrastructure will age, and the overall condition will deteriorate. In order to maintain a good state of repair status, the Region plans to invest approximately \$3 billion over the next 10 years. A summary of some of the major projects slated for the next ten years have been included in the “Outlook” column of the report contained in Appendix I.

## Enterprise Asset Management Program

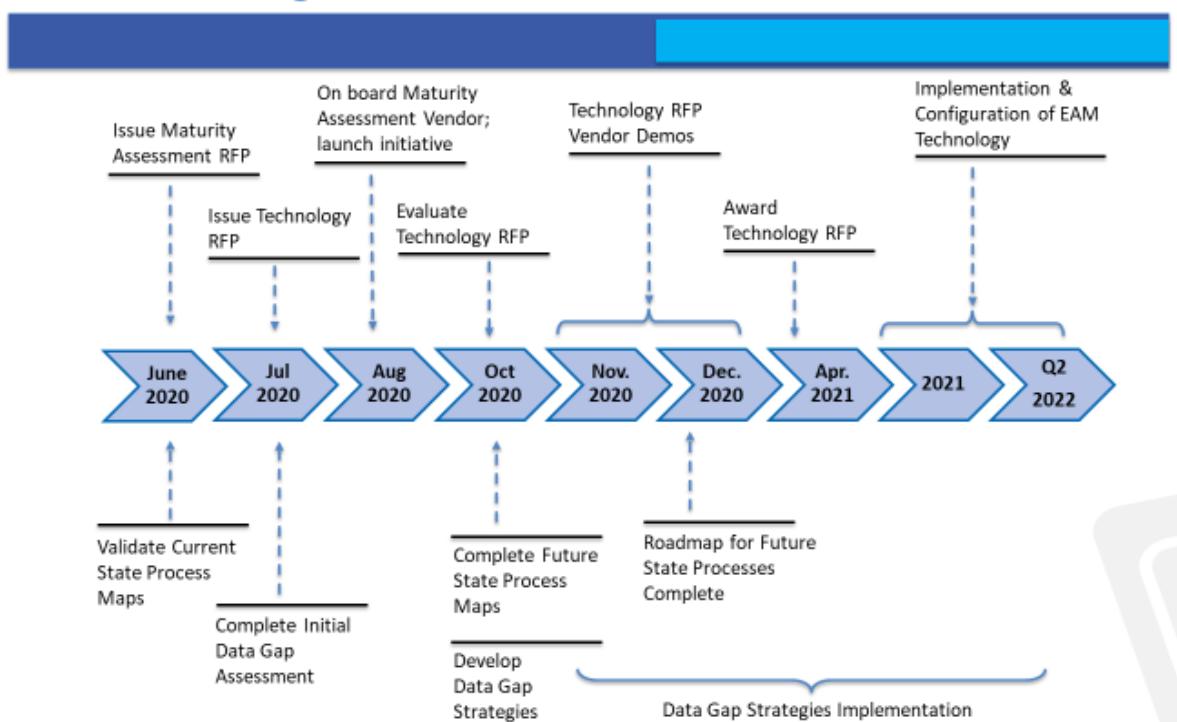
In addition to condition, 84 per cent of the infrastructure portfolios are currently rated **Good** or **Very Good** in relation to Council's target of 70 per cent. A rating of **Good** indicates that most assets in the portfolio are achieving the desired level of service. It should be noted that these ratings are based on the assumption that all approved capital works will be implemented.

The above two measures gauge the Region's ability to meet its service objectives. While current status of these measures is positive, over the long-term Peel's assets will age, and the size of the portfolio will grow, resulting in increased funding pressure to sustain a target asset portfolio of '**Good**'.

### c) Peel Asset Management Program Maturity Implementation

The Region has assessed and developed a plan with the objective of aligning the Region's asset management program with international standards and best practices. The plan is a multi year initiative to advance the Region's asset management program and adopt best practice activities as standard operating procedures. At the November 14, 2019 update to Council, staff did identify the multi-phases of this plan and the respective key initiatives, resources and funding. While significant progress has been made to date, ongoing phases will continue over the next two years as detailed in the following figure.

### EAM Program Milestone Timeline 2020-2022



Another key pressure is climate change. As identified in the Region's Asset Management Policy and Climate Change Master Plan, to become more resilient, the Region must adapt to the changing climate. To do so, it is critical that the local impacts

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be quantified, and the corresponding mitigation measures be identified. Hence in 2020, the Region, in collaboration with other GTHA municipalities, participated in an assessment to determine the effects of climate change and identify corresponding infrastructure vulnerabilities. The outcome of this assessment along with any financial impacts will be reported to Council in 2021.

Building on the work completed to date and taking into consideration the significant work required for regulatory compliance, climate change adaption and continuous improvement initiatives, staff have identified the next phase requirements and have included these requirements in the 2021 capital budget. More specifically, staff have included funding for data enhancements and system implementation. No full-time staff were included in the 2021 budget, however, additional contract positions may be considered for project specific implementation. The contract positions will not be required once the key initiatives of the roadmap have been completed. In addition, the Region through the Asset Management Maturity Assessment project, will be assessing the long-term resource requirement in order to align with international best practice. The outcome of this assessment will be identified and included in future budgets for Council's consideration.

### **d) Asset Management Regulatory Compliance**

The Province's Bill 6, *Infrastructure for Jobs and Prosperity Act* is now in effect. The Region has fully complied with the first requirement of the regulation and is on track to complying with subsequent phases. As part of the compliance initiative, staff incorporated Peel Housing Corporation into the annual update. Working with Peel Regional Police towards full compliance, staff will incorporate police assets into Regional reporting prior to the 2023 deadline.

### **e) New and Amended Asset Levels of Service and Asset Classes**

The Region of Peel's asset categorizations and levels of service require amendments from time to time to respond to current challenges and opportunities. Updating the asset classes and asset levels of service improves staff's ability to evaluate and quantify asset needs and to prioritize asset management actions.

Staff have identified several amendments to the Region's asset classes and asset levels of service which have been reflected in the infrastructure requirements and financing recommendations of the proposed 2021 Capital Budget and Forecast. It is therefore proposed that the Region of Peel's Asset Management Policy be amended per the revisions outlined in Appendix II. Approval of the amendments to the asset levels of service and asset classes will not alter the proposed 2021 Capital Budget and Forecast. The revised asset levels of service will more appropriately reflect the Region's current and potential risk to services. They serve as a foundation for planning infrastructure improvements and ensure that newly identified capital requirements and corresponding funding is accommodated in future plans.

## **RISK CONSIDERATIONS**

The revised asset levels of service will more appropriately reflect the Region's current and potential risk to services. Council has adopted a balanced approach for infrastructure, selecting a "moderate" tolerance for infrastructure risk, which prefers safe service delivery with limited

## **Enterprise Asset Management Program**

tolerance for uncertainty. The current state of the infrastructure is compatible with Council's risk tolerance.

### **FINANCIAL IMPLICATIONS**

The 2021 Capital Budget will include \$2 million for modernizing technology solutions and data enhancement. The investments are primarily funded through the utility rate budget because the majority of assets are water and wastewater assets. Resources to support phases of the program beyond 2021 will be brought to Council in advance of future annual budget process.

The 2021 Operating budgets will propose increases to capital reserves to ensure Peel infrastructure is maintained in accordance with Council approved asset levels of service.

### **CONCLUSION**

The Region of Peel's \$32.1 billion infrastructure portfolio is rated "**Good**" in relation to Council targets and assets are currently in a good state of repair. Regional Council's proactive policy of ensuring adequate funds to support Peel's long-term infrastructure needs has positioned Peel to manage the risks and challenges of the future. Staff will continue to implement the asset management roadmap in order to ensure the sustainability of Peel's infrastructure.

### **APPENDICES**

Appendix I - 2020 Infrastructure Status and Outlook Report

Appendix II - New/Revised Asset Classes and Asset Levels of Service

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*For further information regarding this report, please contact Sam Sidawi, Director, Enterprise Asset Management, Ext. 3627, sam.sidawi@peelregion.ca.*

*Authored By: Sam Sidawi, Enterprise Asset Management*

***Reviewed and/or approved in workflow by:***

Department Commissioner and Division Director.



# 2020 Infrastructure Status and Outlook Report

Maintaining the existing assets in a state of good repair and building new infrastructure which meets current and future needs is critical to the success of the Region of Peel. **The Region's target asset level of service is to achieve an overall infrastructure status of Good.** This goal allows the Region to balance investing enough in the infrastructure to support efficient and reliable services while maintaining affordable tax and utility rates for the community.

This report outlines the current state of the Region of Peel's infrastructure and highlights some of the organization's major improvement priorities. The Risk Management Ratings take into account approved funding that is available for State of Good Repair (SoGR) and Performance Enhancement projects that are in progress or have yet to be initiated.

## The Region Overall

### Infrastructure

The Region owns and operates roads, bridges, buildings, pipes, fleet and equipment to support services from Housing Support to Water Supply with a replacement value of approximately **\$32.1 Billion**.

Excludes Peel Regional Police managed infrastructure.

### Status

#### Risk Management Rating

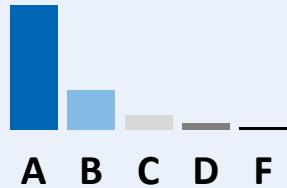


Good

### Outlook

Over the next 10 years, the Region plans to invest approximately \$3.0 Billion to maintain the infrastructure and continue to provide high quality Regional services, contributing to a Community for Life in Peel.

#### Condition Grade



## What do the symbols mean?

### Risk Management Rating

This accounts for approved funding that is available for SoGR

	<b>Very Good</b>	Almost all assets in the portfolio are achieving the desired targets
	<b>Good</b>	Most assets in the portfolio are achieving the desired targets
	<b>Fair</b>	Many assets in the portfolio are not achieving the desired targets
	<b>Poor</b>	Most assets in the portfolio are not achieving the desired targets
	<b>Very Poor</b>	Almost all assets in the portfolio are not achieving the desired targets

### Condition Grade

This represents the physical health of the assets

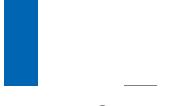
	New or like new condition
	In a good state of repair
	Some non-critical defects; some critical repairs in the near term
	Some critical defects; many critical repairs in the near term
	Many critical defects; immediate repairs or replacement required

Service (Asset Value)	Infrastructure	Status	Outlook
<b>Water Supply</b> (\$13,337M) 	Two treatment plants, 14 wells, 19 pumping stations, 26 water storage facilities and 4,650 km of water pipes provide safe, reliable, high quality drinking water.	 <b>Very Good</b> 	The Capital Plan includes adequate reinvestments to sustain the assets. Asset reinvestments will continue to be optimized to ensure long-term sustainability of the Region's distribution system and water treatment plants and to maintain the desired service outcomes.
<b>Wastewater</b> (\$12,440M) 	Two treatment plants, 31 sewage pumping stations and 3,626 km of sanitary sewer pipes provide safe and environmentally responsible collection and treatment of wastewater.	 <b>Fair</b> 	The Capital Plan includes adequate reinvestments to maintain the condition of the assets. However, enhancements to the system are required to manage the growing risks from climate change and improve operational efficiency. Expansions and rehabilitations are in progress at the Wastewater Treatment Plant, many older pumping stations and critical trunk sewers to improve functionality and reduce the risk of overflows and backups.
<b>Operations Yards, Fleet and Equipment</b> (\$113M) 	Five Public Works yards, 469 vehicles and 236 pieces of major equipment support the delivery of the Region's services.	 <b>Very Good</b> 	The Capital Plan includes adequate reinvestments to sustain the assets and improve the current condition. On-going redevelopments across the Operation Yard's portfolio are being completed to support Regional Program service delivery.
<b>Heritage, Arts &amp; Culture</b> (\$32M) 	Four Heritage facilities are home to the Peel Art Gallery, Museum and Archives, supporting and sustaining the historical and cultural fabric of Peel.	 <b>Good</b> 	The Capital Plan includes adequate reinvestments to sustain the assets and improve the current condition. Assessments continue to address storage needs and environmental needs to ensure services, archives and collections are sustained.

## Appendix I - Enterprise Asset Management Program

Service (Asset Value)	Infrastructure	Status	Outlook
<b>Waste</b> (\$156M)  	<b>Six community recycling centres, two composting and curing facilities, one material recycling facility and two transfer stations</b> support the safe removal of solid waste from the community and advance the achievement of our waste diversion goals. Peel also manages leachate collection and landfill gas systems to minimize environmental and health impacts.	 <b>Very Good</b>  <b>A   B   C   D   F</b>	The Capital Plan includes adequate reinvestments to address identified infrastructure needs.  An Infrastructure Plan is currently being developed that will identify new infrastructure and modifications to existing infrastructure necessary to support the efficient and reliable operation of the Waste Management system. The analysis and outlook of the portfolio may change in the future once the Infrastructure Plan is completed.
<b>Roads and Transportation</b> (\$2,503M)  	<b>1,643 km of Regional roads, 176 bridges and large culverts, 30,941 meters of noise walls, 130 retaining walls, two stormwater pumping stations and 323 kms of storm sewers</b> support the movement of goods and people through an essential transportation hub for Ontario, and also manage the treatment and/or disposal of rainfall runoff.	 <b>Good</b>  <b>A   B   C   D   F</b>	The Capital Plan includes adequate reinvestments to sustain the assets.  Updated condition and inventory data for Bridges & Grade Separations, Major Culverts, Major Retaining Walls and Stormwater Network are being validated. Results of the condition and inventory validation will be included in future analysis and reporting.
<b>TransHelp</b> (\$7M)  	<b>64 TransHelp vehicles</b> support Peel residents in need travel within their community without barriers.	 <b>Very Good</b>  <b>A   B   C   D   F</b>	The Capital Plan includes adequate reinvestments to sustain the assets.
<b>Paramedics</b> (\$148M)  	<b>23 Regional paramedic stations, 168 paramedic vehicles and 768 pieces of paramedic equipment</b> efficiently deploy emergency medical services from strategically located hubs throughout Peel.	 <b>Very Good</b>  <b>A   B   C   D   F</b>	The Capital Plan includes adequate reinvestments to sustain the assets.  Adaptation and improvement of emergency services will continue with the addition of new stations, fleet and equipment to meet the medical needs of a growing and aging community.

## Appendix I - Enterprise Asset Management Program

Service (Asset Value)	Infrastructure	Status	Outlook
<b>Long Term Care and Adult Day</b> (\$237M)  	Five long term care centres provide long term care services, adult day services, respite care and Meals on Wheels to seniors, promoting quality of life, dignity, independence and community connections.	 <b>Very Good</b>  <b>A B C D F</b>	The Capital Plan includes adequate reinvestments to sustain the assets and improve the current condition.  Council has approved the replacement of Peel Manor as part of the <i>Long Term Care and Community Support Services Strategic Plan</i> that will provide more complete senior care services and promote opportunities for seniors to experience greater independence and more community integration.
<b>Housing Support<sup>1*</sup></b> (\$331M)  	Eight affordable housing buildings provide safe, accessible accommodations geared to lower income families and individuals.	 <b>Very Good</b>  <b>A B C D F</b>	The Capital Plan includes adequate reinvestments to sustain the assets.  Reasonable and affordable rental fees ensure maintenance of the condition of housing stock over the life of the assets.
<b>Peel Housing Corporation<sup>2*</sup></b> (\$2,503M)  	88 affordable housing buildings provide safe, accessible accommodations geared to lower income families and individuals.	 <b>Good</b>  <b>A B C D F</b>	The Capital Plan includes adequate reinvestments to sustain the assets and improve the current condition. The analysis is based on the most current available data.  Reasonable and affordable rental fees ensure maintenance of the condition of housing stock over the life of the assets.
<b>Homelessness Support</b> (\$37M)  	Five homeless shelters provide 24-hour access to safe, secure, temporary living for families and individuals in distress.	 <b>Very Good</b>  <b>A B C D F</b>	The Capital Plan includes adequate reinvestments to sustain the assets and improve the current condition.  Regular and proactive maintenance is required to maintain the facilities in good condition.
<b>Child Care</b> (\$9M)  	Three child care centres host private child care services for children between 18-months and five years of age and provide a range of family centred services.	 <b>Good</b>  <b>A B C D F</b>	The Capital Plan includes adequate reinvestments to sustain the assets and to maintain the marketability of child care centres for private operators.

## Appendix I - Enterprise Asset Management Program

Service (Asset Value)	Infrastructure	Status	Outlook
<b>Regional Office Complexes</b> (\$246M)	<b>Two Regional office complexes</b> centralize many operations and services and provide public access to Regional services and Council.	 <b>Very Good</b>	The Capital Plan includes adequate reinvestments to sustain the assets and improve the current condition.  Suite A of 10 Peel Centre Drive is 40 years old and requires extensive work to modernize and efficiently use space to remain viable to meet growing service needs.

<sup>1</sup> Includes Region owned assets managed by either the Region or third party.

<sup>2</sup> Includes Peel Housing Corporation (PHC) assets managed by PHC, Region of Peel is the sole shareholder.

\*Excludes other social housing providers.

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**Appendix II**  
**Enterprise Asset Management Program**

**New/Revised Asset Classes and Asset Levels of Service**

Service	Asset Class	Current Asset Level of Service (If applicable)	Proposed Change	Reason	New Asset Level of Service (if applicable)
Waste	Waste Management Commercial Light	N/A	Change Asset Class name "Commercial Light" to "CRC Dropoff"	To better reflect the assets under this asset class	N/A
	Waste Management Medium Industrial	N/A	Change Asset Class name "Medium Industrial" to "Landfill Pumping Stations"	To better reflect the assets under this asset class	N/A
	Waste Management Labour Intense Heavy Industrial	N/A	Change Asset Class name "Labour Intense Heavy Industrial" to "Processing and Transfer"	To better reflect the assets under this asset class	N/A
	Waste Management Heavy Industrial Facilities Site Elements	N/A	Change Asset Class name "Heavy Industrial Facilities Site Elements" to "Non CRC Facilities Site Elements"	To better reflect the assets under this asset class	N/A
Paramedics	Light and Medium Duty Vehicles	N/A	Change Asset Class name "Light and Medium Duty Vehicles" to "Administrative Vehicles"	To better reflect the assets under this asset class	N/A
Housing Support	PHC Affordable Housing Site Elements	N/A	New ALOS	New Asset Class	Building and Site Condition = B (Good)
	All Asset Classes	N/A	Change "Social Housing" to "Affordable Housing" in all Asset Class names	Alignment with Strategic Plan and Asset Hierarchy	N/A
Transportation	Stormwater Management System	N/A	Change Asset Class name "Stormwater Management System" to "Storm Sewers"	To better reflect the assets under this asset class	N/A
	Transportation Medium Industrial	N/A	Change Asset Class name "Transportation Medium Industrial" to "Stormwater Pumping Stations Facilities"	To better reflect the assets under this asset class	N/A
	Stormwater Facilities Site Elements	N/A	Change Asset Class name "Stormwater Facilities Site Elements" to "Stormwater Pumping Stations Facilities Site Elements"	To better reflect the assets under this asset class	N/A
Operations Yards, Fleet and Equipment	Operations Support Fuel Islands	N/A	New ALOS	New Asset Class	Facility Condition Index (FCI) = B
		N/A	New ALOS	New Asset Class	Building Quality and Relationship to Current Standards = C (Fair)
		N/A	New ALOS	New Asset Class	Environmental Sustainability = A -F
		N/A	New ALOS	New Asset Class	Facility Finishes and Fixtures = C (Fair)
		N/A	New ALOS	New Asset Class	Capacity and Change Adaptability for Program Requirements = C (Fair)
		N/A	New ALOS	New Asset Class	Building Environment and Security = C (Fair)
		N/A	New ALOS	New Asset Class	Building Amenities for Service Delivery = C (Fair)

**Appendix II**  
**Enterprise Asset Management Program**

**New/Revised Asset Classes and Asset Levels of Service**

Service	Asset Class	Current Asset Level of Service (If applicable)	Proposed Change	Reason	New Asset Level of Service (if applicable)
Water Supply	Intake	N/A	New ALOS	To reflect need for redundancy for the intake system	Secondary intake gate
		N/A	New ALOS	To reflect need for protection of the chemical delivery system	Improved protection of sampling and chemical lines
	Filtration	N/A	New ALOS	To address requirements for backwashing of filters	Low turbidity water for backwashing
		N/A	New ALOS	To address requirements for backwashing of filters	Sufficient backwash water
	Distribution Mains (Less than 400 mm in diameter)	N/A	Renaming and Reclassification of Asset Class: "Distribution Mains" & "Small Feedermains" into: "Tier I Distribution Mains", "Tier II Distribution Mains", "Tier III Distribution Mains"	Reclassification of mains based on a risk-based criteria	N/A
	Small Feedermains (400 to 600 mm)	N/A		Reclassification of mains based on a risk-based criteria	N/A
	Large Feedermains (Larger than 600 mm)	N/A	Renaming and Reclassification of Asset Class: "Large Feedermains" into "Tier II Feeder Mains", "Tier III Feeder Mains"	Reclassification of mains based on risk-based criteria	N/A
	Transmission Mains	N/A	Renaming and Reclassification of Asset Class: "Transmission Mains" into "Tier II Transmission Mains", "Tier III Transmission Mains"	Reclassification of mains based on risk-based criteria	N/A
	Tier I Distribution Mains	N/A	New ALOS	To address requirement to maintain community fire protection - metric required by O. Reg. 588/17	Fire Flow Metric (Hydraulic Performance from DSS=1)
	Tier I Distribution Mains	Maximum 7 breaks per km of pipe	ALOS Change	To address improved lifecycle modeling	Maximum 2 breaks per segment of pipe
	Tier II Distribution Mains	N/A	New ALOS	To address requirement to maintain community fire protection - metric required by O. Reg. 588/17	Fire Flow Metric (Hydraulic Performance from DSS=1)
	Tier II Distribution Mains	Maximum 7 breaks per km of pipe	ALOS Change	To address improved lifecycle modeling	Maximum 1 break per segment of pipe
	Tier III Distribution Mains	N/A	New ALOS	To address requirement to maintain community fire protection - metric required by O. Reg. 588/17	Fire Flow Metric (Hydraulic Performance from DSS=1)
	Tier III Distribution Mains	Maximum 2 breaks per km of pipe	ALOS Change	To address improved lifecycle modeling	No breaks
	Tier II Feedermains	No breaks	ALOS Change	To address improved lifecycle modeling	Maximum 1 break per segment of pipe

**Appendix II**  
**Enterprise Asset Management Program**

**New/Revised Asset Classes and Asset Levels of Service**

Service	Asset Class	Current Asset Level of Service (If applicable)	Proposed Change	Reason	New Asset Level of Service (if applicable)
Wastewater	Collection Sewers	N/A	New Asset Class: "Collection Sewers" & "Sub Trunk Sewers" are combined and split into "Tier I Collection Sewers", "Tier II Collection Sewers", "Tier III Collection Sewers"	Reclassification of sewers based on risk-based criteria	N/A
	Sub Trunk Sewers	N/A		Reclassification of sewers based on risk-based criteria	N/A
	Trunk Sewers	N/A		Reclassification of sewers based on risk-based criteria	N/A
	Trunk Sewers	Maximum hydraulic grade line = 3m below the ground surface elevation directly above the pipe or the top of pipe; whichever is less	Remove ALOS	ALOS addressed through definition of surcharging criteria (similar ALOS)	N/A
	Wastewater Pumping Stations	N/A	New Asset Class: "Wastewater PS" split into "Wastewater Tier I PS", "Wastewater Tier II PS", "Wastewater Tier III PS"	Reclassification of pumping stations based on risk-based criteria	N/A
	Wastewater Tier I Pumping Stations	Provision for a portable generator or sufficient wet well storage to meet ROP design standards and Ministry of the Environment regulations.	Remove ALOS	Removed provision for backup power for new pumping station asset class	N/A
	Wastewater Light Industrial	N/A	Change Asset Class name "Wastewater Light Industrial" to "Wastewater Maintenance Shops"	Asset Class name changed to better identify type of facility	N/A
	Wastewater Medium Industrial	N/A	Change Asset Class name "Wasterwater Medium Industrial" to "Wastewater Tier I & II Pumping Facilities"	Asset Class name changed to better identify type of facility	N/A
	Wastewater Tier I Pumping Facilities	N/A	New ALOS	New Asset Class	N/A

**APPROVED AT REGIONAL COUNCIL BUDGET  
February 4, 2021**

8.1. Enterprise Asset Management Program

Resolution Number RCB-2021-26

Deferred to the February 11, 2021 Regional Council Budget meeting