

**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)

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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 Feeder mains" 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 Feeder mains (400 to 600 mm)	N/A		Reclassification of mains based on a risk-based criteria	N/A
	Large Feeder mains (Larger than 600 mm)	N/A	Renaming and Reclassification of Asset Class: "Large Feeder mains" 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 Feeder mains	No breaks	ALOS Change	To address improved lifecycle modeling	Maximum 1 break per segment of pipe

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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	New Asset Class: "Trunk Sewers" split into "Tier II Trunk Sewers", "Tier III Trunk Sewers"	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 "Wastewater 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