Appendix 3

10.11

	Stormwater Service Area - Core Assets								
Task No.	Work Plan Task	Asset Class	Estimated Timing	Priority (High/ Medium /Low)	Target Benefits	Required Resources	Status (Complete/Ongoing Not started)		
SOI-01	Consolidate CCTV assessments into GIS inventory	Storm Sewer	2020-2022	High	Centralizes condition data and provides single source of information	Internal	In progress: GIS team is currently working on uploading this data		
SOI-02	Develop process to update asset register from the latest CCTV condition database	Storm Sewer	2022	High	Ensures that database is up to date at the conclusion of each new CCTV inspection project	Internal	In progress: As we work on item SOI-01 we are developing an standard process		
SOI-03	Conduct visual condition assessments for culverts, MHs, CBs, inlets and outlets and a condition assessment program for all culverts	Storm Sewer	2023	Medium	Improved tracking of assets	Internal	Not Started		
SOI-04	Conduct city-wide review of asset ownership (e.g., Storm Sewer, Stormwater Management Facilities, Watercourse, Transportation assets)	All	2020-2021	High	Improved tracking of assets and responsibility to maintain/manage assets	Internal	<b>Ongoing:</b> This is now a part of our ongoing daily work as we collect/review/edit asset data		
SOI-05	Identify major and minor culverts	Storm Sewer	2022	High	Some culverts are large in size and require condition inspections, which should be differentiated from the rest of the culverts	Internal	<b>Ongoing:</b> This is now a part of ongoing daily work		

MH- Manholes CB- Catchbasin

Appendix 3

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SOI-06	Formalize inventory, assign unique IDs and create assets/features by asset component (GIS)	SWMF, Watercourses	2021-2023	High	Improved completeness and accuracy of the information within the database to improve tracking and management of assets and identifying funding requirements	Internal	In Progress: An inventory for the storm sewers already exists. The formal inventory for stormwater facilities and watercourses is under development			
SOI-07	Underground facilities and pump stations, LID features, dry ponds – establish inventory	SWMF	2021-2023	High	Provides a more complete database	Internal	Not Started			
SOI-08	Roll-up scores of individual component condition assessments to an overall assessment score	SWMF, Watercourses	2021-2024	High	Ensures all assets are considered in overall assessment score of parent assets	Internal	Not started			
SOI-09	Enhance condition assessment method to account for built and natural components within the reach	Watercourses	2021-2024	Low	Ensures all assets are considered in overall assessment score of parent assets	Internal	Not Started			

Appendix 3

	Stormwater Service Area - Core Assets								
Task No.	Work Plan Task	Asset Class	Estimated Timing	Priority (High/ Medium /Low)	Target Benefits	Required Resources	Status (Complete/Ongoing Not started)		
	Link condition and inspection data to asset ID	All	2020-2024	High	Provides a complete, digitized inventory	Internal	Ongoing: This work is being done concurrent with SOI-01 for storm sewers. For watercourses and stormwater facilities, this work will commence with completion of SOI-6		
SOI-11	Expand condition scoring system to a 5- point scale (to align all 3 Stormwater Groups)	All	2021-2024	High	Establish consistency in scoring and comparability among assets in the Stormwater Service Area	Internal	Ongoing: We continue to explore methodologies to keep scoring consistent across the portfolio		
SOI-12	Identify and populate missing attribute data (type, size, material)	All	2021-2024	High	Provides a complete, single source of information	Internal	<b>Ongoing:</b> As we continue to do our daily work, we address these occurrences as they come up for the storm sewers. The watercourse and stormwater management facilities are still in development		
SOI-13	Link EUL to asset ID	SWMF, Watercourses	2021-2024	High	Provides a more complete data register to monitor, track and analyze	Internal	Not started		
SOI-14	Link work and failure history data to asset ID	All	2023-2025	Medium	Links the history of the asset to its identifying information for improved monitoring	External	Not started		

Appendix 3

10.11

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SOI-15	Populate Infor Inventory from GIS Datasets (Asset IDs)	All	2023-2025	High	Improved monitoring of assets	External	In Progress: We are currently working with IT to implement this		
SOI-16	Review and Improve Risk Factors (Impact/Criticality)	All	2021-2025	Medium	More accurate risk assessment, as more data becomes available	Internal	In Progress: We are in the process of reviewing our current risk model and refining it		
SOI-17	Complete valuation for culverts, fittings, and pipe/null inlets in future AMP update	Storm Sewer	2023-2025	Medium	Improved accuracy of valuation	Internal	Not started		
SOI-18	Separate the cost of lateral pipes and service connections for future valuation assessment	Storm Sewer	2023-2025	Medium	Improved accuracy of valuation	Internal	Not Started		
SOI-19	Attribute all node IDs to an associated pipe ID	Storm Sewer	2021-2022	Medium	Improved valuation and risk assessment of nodes based on the size and criticality of connected linear assets	Internal	<b>Ongoing:</b> This is a part of regular data maintenance		
SOI-20	Consider contracting out condition assessment for structures (control outlets) and formalize valuation and remaining useful life	SWMF	2021-2022	Medium	Improved tracking and renewal needs based on observed remaining life rather than age- based remaining life	Internal	Not started		

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Appendix 3

	Stormwater Service Area - Core Assets								
Task No.	Work Plan Task	Asset Class	Estimated Timing	Priority (High/ Medium /Low)	Target Benefits	Required Resources	Status (Complete/Ongoing Not started)		
SOI-21	Develop unit costs for asset types/materials and establish formal process for maintaining rates	All	2021-2022	High	Improved accuracy of valuation	Internal	In Progress		
LOS- 01	Consider implementing additional recommended customer and technical levels of service metrics	All	2023-2024	Medium	More accurate measurement of level of service achieved	Internal	<b>Complete/Ongoing:</b> LOS measures were developed for the 2021 AM Plan. We continue to look for opportunities to improve these measures		
LOS- 02	Review operations and maintenance LOS	All	2021-2022	High	Allow for improved accuracy of operations and maintenance funding needs to meet LOS	Internal	Not started		
LMGT- 01	Implement recommended lifecycle management strategy improvements	All	2021-2025	High	Improve management of assets, which can increase the lifespan of assets and better prepare the City for replacement and rehabilitation	Internal	Ongoing: As a part of our ongoing work we look for opportunities to improve our current lifecycle strategies		
LMGT- 02	Improve Operating Budget cost center codes	All	2023-2025	High	Align cost center names with defined Operations and Maintenance tasks for easier reporting.	Internal	<b>Complete:</b> We continue to look for opportunities to improve our Operating Budget Codes, especially during the Business Planning process		

Appendix 3

	Stormwater Service Area - Core Assets								
Task No.	Work Plan Task	Asset Class	Estimated Timing	Priority (High/ Medium /Low)	Target Benefits	Required Resources	Status (Complete/Ongoing Not started)		
LMGT- 03	Develop a predictive performance model to forecast assets future condition based on budget, levels of service and/or lifecycle strategies changes	All	2023-2025	Low	Improve understanding of impact on assets resulting from budgetary, lifecycle strategies or LOS changes	External	Not started		
IGC-01	Develop a process for understanding renewals and funding needs for Watercourse assets	Watercourses	2024-2026	Medium	Understand funding needs and any potential gaps in current funding	Internal	Not Started		
IGC-02	Increase confidence in long-term funding strategy for Watercourses and SWMF and report infrastructure gaps if they exist	SWMF, Watercourses	2024-2026	Low	Understand future revenue structure for SWMF and Watercourses	Internal	Not Started		
RIS-01	Assess appropriate criteria for facility signs when assessing criticality	SWMF	2021	Low	Improved risk assessment	Internal	Not Started		
RIS-02	Develop likelihood of failure criteria to assess risk of natural assets	Watercourses	2024-2025	Low	Improved accuracy of risk rating and avoided assumptions	Internal	Not Started		

Appendix 3

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RIS-03	Collect data required to improve asset criticality criteria	All	2023-2025	Medium	Improved criticality rating of assets	Internal	<b>Ongoing:</b> As we continue to build on our current risk model we are taking into consideration additional data requirements		
RIS-04	Develop methodology and collect data required to improve asset likelihood of failure criteria	All	2023-2025	Low	Improved likelihood of failure assessment	Internal	Not started		
FDEM- 01	Assign Capital Program attributes to each project: Renewal(%), Expansion(%) and Lifecycle Activity	All	2021	High	Improve capital budget information and future AM reporting	Internal	In Progress: This work is currently in progress with the support of the Finance team		