

SRPI.22.033 - Attachment 1 - Environment Strategy 2021 Progress Tracker

Focus Area	Sub-Focus Area	Action Code	Action Description	Timeline	Time Frame						Project Status			Milestone Achievements (2021)		
					2015	2016	2017	2018	2019	2020	2021	Ongoing	Initiated/Underway		Complete <input checked="" type="checkbox"/>	
Air	Sustainable Energy	E1	Investigate the opportunities and feasibility of implementing district heating or cooling systems in the Secondary Plan areas, in conjunction with the City-wide Community Energy Plan identified in action E2.	Short/Medium Term						✓	✓	✓				A Richmond Hill Centre Study Report, which includes a District Energy White Paper, was completed to determine the feasibility and promote District Energy in this area. In October 2021, Richmond Hill Centre Secondary Plan was released, which includes requirements for development in the Richmond Hill Centre to demonstrate how buildings will be made "district-energy ready".
Air	Sustainable Energy	E2	Initiate a City-wide Community Energy Plan based on the recommendations of the Urban Master Environmental Servicing Plan (Urban MESP) and in keeping with the City's commitments under the Partners for Climate Protection program (Federation of Canadian Municipalities).	Short/Medium Term						✓	✓	✓			<input checked="" type="checkbox"/>	In 2021, Richmond Hill's Community Energy and Emissions Plan (CEEP), was finalized and approved by Council.
Air	Sustainable Energy	E3	Develop a Community Energy Plan for the Richmond Hill Centre.	Short/Medium Term						✓	✓	✓				See update provided under E1.
Air	Sustainable Energy	E4	Develop and implement an Energy Conservation and Demand Management Plan (CDM) for City facilities, updated every five years. Report energy consumption and GHG emissions annually.	Short Term	✓	✓	✓	✓	✓	✓	✓	✓	 (Implementation)		<input checked="" type="checkbox"/> (Plan)	Implementation of energy conservation projects identified in the Corporate Energy Plan continued in 2021 including installation of a low-emissivity ceiling at Tom Graham Arena, conversion of interior and exterior lighting to LED at Ed Sackfield Arena, and HVAC upgrades at Elgin Barrow Arena and Elgin West Community Centre.  The City also received the "Lowest Energy Use Intensity Leader" award for our City Hall from the ClimateWise Business Network through their Mayors' Energy Challenge Program.  Facility recommissioning projects, which require buildings to be operating under normal conditions, were temporarily deferred due to facility closures resulting from COVID-19.
Air	Sustainable Energy	E5	Report corporate (and community) greenhouse gas emissions in partnership with the Partners for Climate Protection (PCP) every five years in conjunction with CDM reporting.	Short/Medium Term	✓	✓			✓	✓					<input checked="" type="checkbox"/> (Reporting)	In 2020, a corporate GHG emissions inventory was completed. The next full Corporate GHG emission inventory and report is scheduled to take place in 2025.
Air	Sustainable Energy	E7	Actively research, promote, and pilot sustainable energy opportunities through demonstration projects and technological innovations.	Ongoing	✓	✓	✓	✓	✓	✓	✓	✓				In 2021, the City received \$75,000 in incentive funding from the IESO for the energy savings achieved from the installation of a smart lighting control system for our street lights. This control system allows for programmable dimming of outdoor lights to conserve energy.
Air	Sustainable Energy	E8	Strengthen partnerships with key stakeholders to deliver information, education and programs to the community to reduce energy use and promote renewable energy.	Long Term												Following the approval of the CEEP, in 2021 the City released a toolkit called <i>A Guide to Talking to People in Your Life about Climate Change</i> . This made-in-Richmond Hill resource, co-created with members of the community, provides information and tips for local climate action that aligns with City priorities.  Richmond Hill was also recognized with the "Mayors' Energy Challenge Advocate" award from the ClimateWise Business Network for encouraging businesses to participate in the Energy and Water Benchmarking Reporting program (a component of the Mayors' Energy Challenge).
Air	Sustainable Transportation	PCMP	Implementation of PCMP and prep work for future update. (Implement the Pedestrian System and Cycling Network. Implementation of the pedestrian and cycling network is a critical step toward reaching the goals and objectives of the Strategy; direction for this action has been provided by the PCMP, and hence to avoid duplication has not been set forward as an independent action of this Strategy).	Ongoing	✓	✓	✓	✓	✓	✓	✓	✓				In partnership with York Region, major advancements have been made in almost all of the remaining segments of Richmond Hill's portion of the Lake-to-Lake Walking Route and Cycling Trail. In 2021, design commenced for a new cycling facility on Bayview Avenue, (Bloomington Road to Dariole Drive), design was finalized for a segment on 19th Avenue (Leslie Street to Bayview Avenue), and construction was completed for a segment on Leslie Street (William F. Bell Parkway to 19th Avenue). The City completed preliminary design for the off-road portion from Leslie Street to 19th Avenue.  In addition, design continued for upgraded cycling facilities on Bethesda Side Road in 2021.
Air	Sustainable Transportation	T1	Advocate to the Region and Province for public transit as a primary mode of transportation available to residents and commuters.	Short/Medium Term	✓	✓	✓	✓	✓	✓	✓	✓	 (Implementation)			Richmond Hill continues to advocate for public transit, particularly the delivery of the Yonge North Subway Extension (YNSE), with all levels of government. In 2021, the Federal Government built on the commitment made by the Provincial Government in 2019 by providing financial support to fully fund the project. The City is also preparing for anticipated federal funding opportunities in support of active transportation, especially where there are connections to public transit.
Air	Sustainable Transportation	T2	During the Pedestrian and Cycling Master Plan (PCMP) update, improve alignment with the City's Trail Master Plan, the Greenway Plan, the Urban MESP and the York Region PCMP.	Medium Term						✓	✓	✓				As part of the Transportation Master Plan (TMP) Update, the Pedestrian and Cycling Master Plan and the Trails Master Plan have been incorporated into the scope of work.

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Air	Sustainable Transportation	T3	Develop and/or update pedestrian and cycling facility design standards as needed to provide for convenient and safe active transportation	Short Term	✓	✓					✓	✓			<input checked="" type="checkbox"/>	Review of the Pedestrian and Cycling Facility Design Standards to take place as part of the update to the City's Standards and Specifications Manual and the Transportation Master Plan Update. See LD1 for more information.
Air	Sustainable Transportation	T4	Implement pedestrian and cycling facility design standards through the planning approval process.	Short Term		✓	✓	✓	✓	✓	✓	✓				Standards and active transportation facilities continue to be considered on an application-by-application basis. Through the update to the Pedestrian and Cycling Facility Design Standards and the Transportation Master Plan Update, the City will explore additional opportunities to incorporate active transportation facilities.
Air	Sustainable Transportation	T6	Continue to provide education and outreach to promote and encourage active and healthy transportation options.	Ongoing	✓	✓	✓	✓	✓	✓	✓	✓				Implementation of education and outreach programs continued in 2021 (e.g. Smart Commute workplace program virtual events and promotion). Further opportunities will be considered as part of Phase 2 of the TMP Update and the Parking and Transportation Demand Management (TDM) Study.
Air	Sustainable Transportation	T7	Actively research, promote, and pilot sustainable and active transportation opportunities through demonstration projects/programs and technological innovations.	Ongoing	✓	✓	✓	✓	✓	✓	✓	✓				The City received funding for the installation of a new Level 2 charge station in 2021, which is expected to be installed in 2022.  The City also began work to review the potential for the development of a Level 3 (DC Fast) Charge Station network within the City, and this review will be completed in 2022.
Air	Sustainable Transportation	T8	Partner with stakeholders to implement programs that encourage Transportation Demand Management.	Long Term							✓	✓				The Parking and Transportation Demand Management (TDM) Strategy will help inform future TDM opportunities within the City. Work on the Strategy advanced significantly in 2021. The output will serve as a background document to support the Comprehensive Zoning By-law, the Official Plan Update and the Affordable Housing Strategy, and will progress within their respective timelines.
Water	Watershed Management	WM3	Pursue a variety of funding strategies and partnerships to preserve municipal resources for implementation of water resources stream and river rehabilitation projects.	Ongoing	✓	✓	✓	✓	✓	✓	✓	✓				In 2021, Richmond Hill continued to strengthen our advocacy for climate change adaptation and mitigation by applying to the federal Disaster Mitigation and Adaptation Fund for the Mill Pond and East Don Head Revitalization project. Additional funding opportunities are expected in 2022 and the City is preparing to submit another stormwater management project for consideration.
Water	Watershed Management	WM4	Develop and implement a Watercourse (Valleyland) Restoration Plan to address priority areas of erosion, restoration and required capital work throughout the valleyland system.	Short Term	✓	✓									<input checked="" type="checkbox"/>	The Valleyland Prioritization Study/Plan was completed in 2015 and implementation is underway. Projects under this action are funded through the Stormwater 10 Year Capital Plan, as such the action is considered complete. Implementation of the Plan is tracked under SWM3, as both SWM facilities and Valleyland projects are prioritized through the same Plan.
Water	Watershed Management	WM5	Continue to work with existing partners on stream restoration projects and seek additional new partners for future projects through the Community Stewardship Program.	Ongoing	✓	✓	✓	✓	✓	✓	✓	✓				Existing partnerships continued in 2021. The Valleyland Study/Plan was used to prioritize new restoration project locations.
Water	Surface & Stormwater Quantity & Quality	SWM2	Implement Stormwater Management Rate Program.	Ongoing	✓	✓	✓	✓	✓	✓	✓	✓				A stormwater rate update study was conducted in 2019 which resulted in the development of a more equitable and sustainable stormwater rate formula. Implementation of the updated formula is expected in 2022.
Water	Surface & Stormwater Quantity & Quality	SWM3	Implement Richmond Hill's Stormwater Management 10 Year Capital Plan to rehabilitate existing stormwater facilities; re-prioritize needs and re-establish the 10 Year Plan as required.	Ongoing	✓	✓	✓	✓	✓	✓	✓	✓				Implementation of the SWM 10 Year Capital Plan continued in 2021.  Projects underway include: Mill Pond Environmental Assessment (EA) underway; Twickenham detailed design underway; Don Head East pond (24-2) EA complete; Doncrest East (GM1) feasibility study complete; Beaufort Hills pond (2-4) feasibility study underway; Cedar Springs pond (16-8) feasibility study complete, Unity Park feasibility study underway, Sediment removal projects for Wellsprings pond (8-5) and Headwater pond (7-2) completed.
Water	Surface & Stormwater Quantity & Quality	SWM4	Develop and implement a stormwater infrastructure maintenance program.	Short Term	✓	✓	✓	✓	✓	✓	✓	✓		(Implementation)	<input checked="" type="checkbox"/>	The Stormwater Infrastructure Maintenance Program was developed in 2016. The Sediment Removal Program continues on an ongoing basis as part of routine maintenance for the City's stormwater infrastructure and in keeping with legislative requirements.
Water	Surface & Stormwater Quantity & Quality	SWM5	Continue to deliver stormwater facility monitoring and inspection program; update program and define roles/responsibilities to ensure Richmond Hill operates stormwater facilities in compliance with Environmental Compliance Approvals.	Ongoing	✓	✓	✓	✓	✓	✓	✓	✓			<input checked="" type="checkbox"/>	Monitoring Program updated in 2018. Annual monitoring and inspection continues.

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Water	Surface & Stormwater Quantity & Quality	SWM6	Update Richmond Hill's Stormwater Management Design Standards.	Short Term						✓	✓	✓				See update provided under LD1.
Water	Surface & Stormwater Quantity & Quality	SWM7	Implement the Lake Wilcox Remediation Strategy; monitor measure and report results of implementation.	Ongoing	✓	✓	✓	✓	✓	✓	✓	✓			<input checked="" type="checkbox"/> (Plan Update)	The update to the Lake Wilcox Management Plan is now complete.
Water	Surface & Stormwater Quantity & Quality	SWM8	Continue to implement the watercourse monitoring program and reassess the program with assistance from outside agencies.	Ongoing	✓	✓	✓	✓	✓	✓	✓	✓				Implementation of the Watershed Monitoring Program continues.
Water	Groundwater Protection, Recharge, & Discharge	GW1	Identify strategic actions in the Credit Valley, Toronto and Regional and Central Lake Ontario (CTC) Source Protection Plan that, once approved, are the responsibility of Richmond Hill in partnership with York Region and implement accordingly.	Short Term	✓	✓	✓	✓	✓	✓	✓	✓				In November 2021, staff released a Key Directions Report for its Official Plan Update. The report recommends that updates to Official Plan policies and mapping in relation to the Source Protection Plan (SPP) should occur following the approval of the York Region Official Plan (targeted for the fall of 2022) to ensure conformity with both the Regional Official Plan and the SPP.
Water	Groundwater Protection, Recharge, & Discharge	GW2	Update the City Salt Management Plan; in addition assess non-salt alternatives for Lake Wilcox area; monitor performance; work with York Region to share and adopt best salt management practices and non-salt alternatives.	Short Term	✓	✓	✓	✓	✓	✓	✓	✓	 (Implementation)		<input checked="" type="checkbox"/> (Plan Update)	An update to the City's Salt Management Plan was approved by Council in 2016. In recent years, the City has acquired equipment to start brining our parking lots. Brining helps reduce the overall amount of salt used by helping to clear the snow down to the bare pavement so that it eliminates or minimizes the need for additional salt applications.
Water	Water Conservation	WC3	Investigate partnership and funding opportunities for pilot programs to demonstrate feasibility of water re-use technologies and applications.	Long Term							✓	✓				In 2021, the City completed a project to replace the water level control system at the Elgin West Community Centre, resulting in costs savings of more than \$100,000 annually and water savings of over 21 million litres per year. This initiative was funded in part by York Region through their Water for Tomorrow program.
Land	Sustainable Land Development	LD1	Create and/or update City-wide standards and specifications such as the Materials, Standards and Specifications Manual, and sustainable parks, trails, and open space standards, etc. to reflect the policies of the Official Plan.	Short/Medium Term	✓	✓	✓	✓	✓	✓	✓	✓		 (Standards Update)	<input checked="" type="checkbox"/> (Standards for T3, SW1, and E7)	Work on a comprehensive update to the City's Products, Standards & Design Criteria Manual continued in 2021, with completion expected in 2022. This update incorporates Environment Strategy actions related to Stormwater Management, Erosion and Sediment Standards (SWM6 & LD5), Tree Planting and Protection Standards (NE3), Outdoor Lighting Standards (E7), and Pedestrian and Cycling Facility Design Standards (T3).
Land	Sustainable Land Development	LD2	Develop a monitoring tool for the Sustainability Metrics to help measure performance.	Short Term	✓	✓	✓	✓	✓	✓					<input checked="" type="checkbox"/>	An uptake monitoring tool was developed in 2016. Monitoring continues for site plan and draft plan applications received since March 2014.  In January 2021, Council approved in principle updates to the Sustainability Metrics program, including updated metrics and point allocations, new threshold scores, and corporate Key Performance Indicators for the Metrics. Following Council's decision, staff met with representatives of Building Industry and Land Development and partner municipalities to finalize the Metrics update.
Land	Sustainable Land Development	LD4	Link the findings of the Urban MESP to valleyland studies and restoration plans.	Short Term	✓	✓	✓	✓	✓	✓					<input checked="" type="checkbox"/>	The City's Urban Forest Management Plan, informed in part by the findings of the Urban MESP, was completed and approved by Council in 2020. Findings from the MESP now help to inform prioritization of valleyland and restoration work.
Land	Sustainable Land Development	LD5	As a subset of LD1, develop low impact development standards and specifications, and incentives for development and redevelopment.	Medium/Long Term							✓	✓				See update provided under LD1.
Land	Sustainable Land Development	LD8	Implement low impact development (LID) techniques during the construction and renovation of infrastructure and City buildings.	Medium/Long Term								✓				In 2021, the City received funding through the ICLEI Advancing Adaptation Project to address the impacts of climate change as part of the revitalization of Minthorn Park currently underway. Through this project, the City plans to improve resiliency by incorporating LID measures such as a rain garden and naturalized plantings that will reduce stormwater runoff, improve infiltration, and enhance biodiversity on site.
Land	Sustainable Land Development	LD11	Play an advocacy role with the Federal and Provincial Governments along with agencies such as Association of Municipalities Ontario (AMO) to provide funding for green infrastructure.	Short/Medium Term	✓	✓	✓	✓	✓	✓	✓	✓				Advocacy for green infrastructure funding continues. Green infrastructure was included in Richmond Hill's first Corporate Asset Management Plan approved by Council in December 2016.
Land	Sustainable Land Development	LD12	Ensure that flood conveyance remediation projects incorporate ecological improvements to associated valleylands.	Ongoing	✓	✓	✓	✓	✓	✓	✓	✓				Consideration for ecological improvements to associated valleylands continues, where feasible, when undertaking all flood conveyance remediation projects.

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Land	Sustainable Land Development	LD14	Support TRCA's existing pilot Sustainable Neighbourhood Action Plan at Lake Wilcox, and investigate working with partners to expand the program to include other Richmond Hill neighbourhoods.	Short Term	✓	✓	✓	✓						✓	Lake Wilcox SNAP completed in 2015.
Land	Natural Environment Management	NE2	Develop an Urban Forest Management Plan to protect, maintain and enhance the urban forest. (Note: this initiative will be of particular importance in the wake of EAB; it could be combined with the restoration planning and implementation efforts for EAB already underway).	Short/Medium Term			✓	✓	✓					✓	The City's Urban Forest Management Plan was completed and approved by Council in 2020.
Land	Natural Environment Management	NE3	Update standards and specifications to better protect mature tree health and growth, giving consideration to soils standards.	Short Term					✓	✓	✓				See update provided under LD1.
Land	Natural Environment Management	NE6	Develop a biological indicator species monitoring and inventory program that will provide information to assist in the planning and prioritization of restoration projects, the management of invasive species and wildlife, and the maintenance of natural heritage features. Make best use of data provided through developers.	Short Term	✓	✓	✓	✓	✓	✓				✓	Biological indicator species monitoring and inventory program developed based on the 2014 Natural Area Inventory (flora fauna/ELC every 10 years). Inventory update last performed in 2019 for approximately 100 hectares of land acquired since 2014.
Land	Natural Environment Management	NE7	Develop a single database/application for street trees and open spaces trees for use by multiple departments.	Short Term	✓	✓			✓					✓	Phase 1 of development for the single tree asset database was completed in 2015. Phase 2, a database and GIS mapping tools for tree assets planted through the Community Stewardship and Healthy Yards Programs, was completed in 2019.
Land	Natural Environment Management	NE9	Continue to provide the Community Stewardship Program as a means to undertake restoration activities on City land by strengthening existing partnerships and developing ways to encourage new restoration, enhancement and education partnerships.	Ongoing	✓	✓	✓	✓	✓	✓	✓				The Community Stewardship Program (CSP) continued in 2021 with 9,300 trees and shrubs planted, 495 volunteers participated, 64 partner-led events, and 6 partner-led workshops with more than 1,000 participants. To ensure public safety, all CSP workshops were held virtually in 2021.
Land	Natural Environment Management	NE10	Continue to offer the Healthy Yards Program as a means to improve biodiversity and increase tree cover on private lands.	Ongoing	✓	✓	✓	✓	✓	✓	✓				The Healthy Yards program continued with an adapted drive-through event to ensure public health and safety. In total, 1215 trees and shrubs, 3520 wildflowers, 289 backyard composters, 296 rain barrels were sold. More than 350 participants tuned into 3 partner-led webinars to learn more about incorporating native plants on their property. Partnership funding was again provided by York Region.
Land	Invasive Species Management	IS5	Continue to implement the Emerald Ash Borer (EAB) Management Strategy.	Ongoing	✓	✓	✓	✓	✓	✓	✓				Woodlot management and maintenance for Beaver Woodland continued in 2021. Woodlot restoration work continues for DDO lands, with Phase 1 completed in 2019 and Phase 2 initiated in 2020. A restoration plan for Saigeon Trail, which has been heavily impacted by the effects of EAB, was developed in 2021 and implementation will begin in fall 2022.
Land	Invasive Species Management	IS6	Continue to promote and implement the use of a diversity of native plant species on City land.	Ongoing	✓	✓	✓	✓	✓	✓	✓				Promotion of the benefits of native plants continues through a variety of sources, including webinars (see NE10), newsletters, social media, the City's website, and displays at community centres. Implementation of the City's Urban Forest Planting Guidelines continued for street tree replacements and new developments to help foster a more resilient and diversified urban tree canopy.  In 2021, the City also hosted a webinar in partnership with LEAF on National Tree Day, which highlighted the common and unique tree species in Richmond Hill.
Land	Invasive Species Management	IS7	Collaborate and partner with York Region, neighboring municipalities, Conservation Authorities and other crossboundary stakeholders to manage invasive species.	Ongoing	✓	✓	✓	✓	✓	✓	✓				Participation in cross-jurisdictional work on invasive species management continues with York Region, TRCA, and the Ontario Invasive Plant Council.  In consultation with York Region, the City responded to the threat of LDD moth through a number of methods, including: <ul style="list-style-type: none"> <li>• Removal of more than 65,000 LDD moth egg masses from small to medium sized street and park trees</li> <li>• Injecting select high value trees with insecticide (TreeAzin)</li> <li>• Monitoring and watering in the hotter summer months, as necessary, to further mitigate long term impacts</li> <li>• Street sweeping in neighbourhoods with heavy to severe LDD caterpillar infestation.</li> </ul> To reduce the potential for severe infestation in 2022, the City will be repeating the above noted management activities and will be providing free burlap band kits for residents to pick up in early spring.

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Land	Invasive Species Management	IS8	Develop Community Education and Outreach programs for invasive species and native plant species.	Ongoing		✓	✓	✓	✓	✓	✓				Education and promotion of pollinators continued in 2021 through participation in the National Wildlife Federation's Mayor's Monarch Pledge, the City's "Bee City Canada" designation, and the continuation of Richmond Hill's 'ButterflyWay' partnership with the David Suzuki Foundation.  The City also collaborated with LEAF and the Richmond Hill Horticultural Society in 2021 to provide education to increase biodiversity (native trees and shrubs) and promote sustainable gardening.
Land	Wildlife Management	W2	Re-evaluate existing by-laws that address wildlife feeding.	Short/Medium Term							✓				Through the update to the Parks Use By-law currently underway, the City has received direction to include wildlife feeding as a ticketable offence. This update is expected to be completed in spring 2022.
Land	Wildlife Management	W5	Continue to support and implement the Canada Goose Management Strategy and Beaver Management Policy.	Ongoing	✓	✓	✓	✓	✓	✓	✓				Ongoing Canada Goose/Beaver monitoring and management.
Land	Wildlife Management	W6	Define the City's response to, as well as roles and responsibilities for individual species that significantly impact the City.	Short Term				✓						<input checked="" type="checkbox"/>	Wildlife response procedure developed in 2019 to define roles and responsibilities with respect to specific wildlife in Richmond Hill.
Land	Wildlife Management	W7	Develop education methods to improve the public's understanding of wildlife interactions and the benefits of living in a biodiverse community. Provide this information through various channels (Environment, By-law, Communications)	Ongoing		✓		✓	✓	✓	✓			<input checked="" type="checkbox"/> (Education Program)	Wildlife education program established in 2019. In 2021, implementation continued through the development of educational postcards and the facilitation of 6 virtual workshops to educate residents about local wildlife.
Land	Sustainable Urban Agriculture & Local Food	Community Garden	Community Garden policy as per Parks Plan	Short Term	✓	✓	✓							<input checked="" type="checkbox"/>	Policy approved in 2017, implementation continued in 2021.
Land	Sustainable Urban Agriculture & Local Food	LF5	Evaluate the feasibility of developing an urban food kit as part of the Healthy Yards Program.	Short Term	✓	✓								<input checked="" type="checkbox"/>	Edible plants incorporated into Healthy Yards Program in 2015.
Land	Solid Waste Management	SW1	Develop building design criteria requiring new multi-unit residential, IC&I, and mixed-use developments to incorporate source-separated waste collection in building design, and to participate in source-separation programs.	Short Term	✓	✓	✓	✓	✓					<input checked="" type="checkbox"/>	The City's Waste By-law, which provides Council endorsement for the Waste Development Standards, was updated and approved by Council in 2019. Implementation of the Standards and By-law continues annually.
Land	Solid Waste Management	SW4	Conduct annual waste audits of municipal facilities greater than 10,000 square meters and implement waste reduction work plans and source separation programs for these facilities.	Ongoing	✓	✓	✓	✓	✓	✓	✓				2021 waste audit for City Hall has been completed.
Land	Solid Waste Management	SW5	Establish and implement service levels for diversion programs in public areas.	Short/Medium Term	✓	✓	✓	✓	✓					<input checked="" type="checkbox"/>	Service levels for diversion programs, including at parks, super mail boxes, the downtown core, and community centres have been established and approved by Council.
Land	Solid Waste Management	SW6	Collaborate with York Region and local municipalities to share innovations and achieve region-wide waste reduction and diversion goals.	Ongoing	✓	✓	✓	✓	✓	✓	✓				To reduce blue box contamination, Richmond Hill, in partnership with York Region, undertook a resident education and enforcement program which included: <ul style="list-style-type: none"> <li>• Education on proper recycling through the Waste Management Calendar, City's website, social media, waste mobile app, outreach events, road signs and media releases.</li> <li>• Curbside inspection of waste setouts by staff, who used curbside stickers, door hangers, and waste management calendars to provide feedback to residents.</li> <li>• Continued collaboration with the City's waste collection contractor, to ensure educational stickers are placed on contaminated setouts to indicate the reason it was not collected.</li> </ul> As a result, the blue box contamination rate dropped from 21.7% in 2019 to 13.8% in 2020.
Land	Solid Waste Management	SW7	Actively research, promote, and pilot waste management opportunities through demonstration projects and technological innovations.	Ongoing	✓	✓	✓	✓	✓	✓	✓				The City continues to work to improve the capability and reliance of the weight tracking and data collection system implemented for multi-residential buildings. This includes weight scales on collection trucks and radio-frequency identification (RFID) tags on bins that report back to a central database. Data collected will help inform the City's continued efforts to reduce and divert multi-residential waste.
Land	Solid Waste Management	SW10	Develop and implement approaches for three-stream waste separation at large community events, starting with City sponsored events and progressing to private events held at City facilities.	Short Term	✓	✓	✓							<input checked="" type="checkbox"/> (Waste Mgmt. Plan requirement)	The Community Festivals and Events Manual (developed in 2017) requires event organizers to prepare a Waste Management Plan and encourages waste diversion & minimization.