

CITY OF VAUGHAN

EXTRACT FROM COUNCIL MEETING MINUTES OF SEPTEMBER 20, 2016

Item 28, Report No. 31, of the Committee of the Whole, which was adopted without amendment by the Council of the City of Vaughan on September 20, 2016.

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GREEN DIRECTIONS VAUGHAN COMMUNITY SUSTAINABILITY AND ENVIRONMENTAL MASTER PLAN IMPLEMENTATION - ANNUAL UPDATE FILE #22.31

The Committee of the Whole recommends approval of the recommendation contained in the following report of the Deputy City Manager, Planning and Growth Management, the Director of Policy Planning and Environmental Sustainability and the Manager of Environmental Sustainability, dated September 7, 2016:

Recommendation

The Deputy City Manager, Planning and Growth Management, the Director of Policy Planning and Environmental Sustainability and the Manager of Environmental Sustainability recommend:

1. THAT this report be received.

Contribution to Sustainability

Green Directions Vaughan, the City's Community Sustainability and Environmental Master Plan (GDV) provides a definition of sustainability, an environmental ethic, principles and actions to guide the work of the City. This includes both operational and regulatory functions. The objective is to achieve a healthy natural environment, vibrant communities and a strong economy. GDV was designed to be a "living document" with actions evolving over time as conditions and priorities change, with the core principles of sustainability remaining constant.

Objective 6.1 of *Green Directions Vaughan*, outlines the commitment "To fully support the implementation of *Green Directions* at all levels of City operations", and provides under Action 6.1.6 that an annual report to the Environment Committee be prepared on the status of existing programs and accomplishments for the purpose of monitoring the implementation of the plan. In addition, GDV subsection 4.2, Monitoring and Reporting on Progress, notes that indicator reporting should complement the annual status update to inform the community and relevant stakeholders of any changes in the baseline sustainability/environmental indicators. Indicator reporting generates further awareness of progress in program implementation, works to celebrate successful outcomes and also identifies areas in need of additional focus, which allows for continuous program improvement and advancement.

Economic Impact

There are no economic impacts resulting from the adoption of this report. All activities related to the establishment, tracking and communication of the *Green Directions Vaughan* indicators are supported through existing budget allocations.

Communications Plan

Environmental Sustainability staff continue to work with the Corporate Communications Department on on-going communication measures such as Public Service Announcements (PSA) and social media and website updates to help promote the implementation of *Green Directions Vaughan* and to highlight the successes and achievements to date. In addition, individual communication plans are developed to launch or support programs and events that facilitate the plans objectives. This report will be made publicly available on Vaughan.ca in an effort to share the most recent updates of *Green Directions Vaughan* with the public.

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Purpose

The purpose of this report is to provide an update on the implementation of *Green Directions Vaughan* including reporting on 24 baseline indicators. Additionally, this report will outline the approach to revising *Green Directions Vaughan* for another 5-year term (2018-2023) consistent with Action 2.1.2, which provides for the review of *Green Direction Vaughan* concurrent with the City's Growth Management Strategy. As such, this staff reports constitutes the last update report on the "actions" in the existing *Green Directions Vaughan*. An update report in 2017 will focus on the quantitative indicators while the revision of *Green Directions Vaughan* is underway. Another report will be provided in the first quarter of 2017 setting out a detailed work plan, including a consultation strategy, applicable budgets, draft deliverables, implementation strategies, and the identification of new and emerging themes that will need to be considered in formulating the next iteration of *GDV*.

Background - Analysis and Options

Green Directions Vaughan: Structure and Reporting Framework

In April 2009 Council approved *Green Directions Vaughan*, the City's Community Sustainability and Environmental Master Plan. As the City's sustainability plan, *Green Directions Vaughan* contains a set of recommended actions that address the range of municipal responsibilities including both operational and regulatory functions. It also serves as the City's Integrated Community Sustainability Plan (ICSP). The ICSP is a long-term plan designed to guide the community toward a more sustainable future by addressing environmental, cultural, social, and economic issues.

Green Directions establishes a definition of "sustainability", an "environmental ethic" and a set of "principles" to guide the implementation of the plan. The definition of sustainability reflects the breadth of municipal responsibilities, where, "Sustainability means we make decisions and take actions that ensure a healthy environment, vibrant communities and economic vitality for current and future generations."

The plan identifies six categories that classify Vaughan's functions. These are further broken down into goals, objectives and a series of actions, which describe how each of the goals can be achieved. The categories and goals include:

What We Use:

Goal 1: To significantly reduce our use of natural resources and the amount of waste we generate.

How and Where we Grow:

Goal 2: To ensure sustainable development and redevelopment.

How We Get Around:

Goal 3: To ensure that Vaughan is a city that is easy to get around with low environmental impact.

How We Live:

Goal 4: To create a vibrant community where citizens, businesses and visitors thrive.

How we Lead:

Goal 5: To be leaders in advocacy and education on sustainability issues.

How we Operate:

Goal 6: To ensure a supportive system for the implementation of *Green Directions*.

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The objectives are more specific statements of the general goals and they describe how the goals will be achieved. Each of the goals has multiple objectives. The actions refer to tasks that need to be undertaken to achieve the prescribed objective. There can be multiple actions attached to each objective. Actions are assigned to one or more departments for implementation within a specific timeframe.

On May 25, 2010, a report was received on the implementation of *Green Directions Vaughan* following the first anniversary of its approval. The report highlighted the status of existing programs, key accomplishments, new initiatives and further opportunities for the purposes of monitoring the implementation of the plan. The primary focus of the report was directed to projects that were identified in the 2009-10 timeframe or those that were targeted as “on-going”.

On April 5, 2011, a report was ratified by Council on the implementation of *Green Directions Vaughan* following the second anniversary of its approval. A media release and web based report highlighting specific actions under each of the six goal areas were generated as a result of the report recommendations.

In March 2012, it was reported that over 94% of the 85 actions outlined in *Green Directions Vaughan* had been initiated and 14 of the 44 action items with an established time frame were completed. On November 26, 2012, PKI approved 24 baseline indicators to be reported on annually along with the *Green Directions Vaughan* implementation update. These core indicators were designed to be easily tracked, meaningful to the associated departments responsible for tracking the indicators and compatible with existing benchmarks.

In March 2013, it was reported that 96% of the 85 actions outlined in *Green Directions Vaughan* had been initiated. At that time, all of the actions yet to be initiated were dependent on activities that were already underway and/or had been targeted for the latter portion of the implementation timeframe. Six action items with established time frames were fully completed.

By March 2014, 98% of the 85 action items outlined in *Green Directions Vaughan* had been initiated. Sixteen of the action items were completed and a further 67 actions were ongoing as the implementation of *Green Directions* continued to progress. Only two of the 85 action items – items 2.1.2 and 2.1.3 relating to the City's Growth Management Strategy were yet to be initiated.

As of April 2015, 98% of the 85 action items outlined in *Green Directions Vaughan* were initiated. Twenty-eight of the action items were completed and a further 55 actions were considered ongoing or in progress as implementation of *Green Directions* continued to advance. Only two of the action items – items 2.1.2 and 2.1.3 relating to the update of the City's Growth Management Strategy – had not been actioned at the time of the report as they were scheduled for initiation and implementation in 2016. On November 17, 2015 Council directed that the City proceed with the Growth Management Strategy Update/Municipal Comprehensive Review.

As of May 2016, all of the 85 actions outlined in *Green Directions Vaughan* had been initiated: 28 of the action items were considered completed; 41 actions were ongoing; and 16 actions had been initiated and were in progress. Items 2.1.2 and 2.1.3 relating to the City's Growth Management Strategy had been commenced since the last *GDV* update as a result of Council's action in November of 2015.

Green Directions Vaughan: 2016 Update Report Format

A significant portion of the success of *Green Directions Vaughan* has depended on the internal operations and functions that support its implementation. In order to monitor the implementation of the plan, action 6.1.6 indicates the City should prepare an annual report addressing, among other things:

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- The status of existing programs,
- New initiatives,
- Accomplishments, and
- Further opportunities

Although action 6.1.6 makes reference to new initiatives, this report will focus predominantly on the action items that have been implemented, planned within the initial timeframe of *GDV* or classified as ongoing. In an effort to keep the Community Sustainability and Environmental Master Plan a dynamic and living document, the Environmental Sustainability staff will continue to explore new initiatives and program opportunities with Council particularly as *GDV* undergoes analysis in preparation for the updated version.

Attachment 1 is based on the section within *GDV* that summarizes key actions for each of the identified action items; and the Goals, Objectives, Time Frames and Project Responsibility have been noted.

Indicators

In November 2012, Council adopted 24 quantitative indicators to measure the progress and impact of the outcomes of *Green Directions Vaughan*. Tracking core environmental indicators helps the City measure progress towards achieving a sustainable environment, vibrant communities and a strong economy thereby meeting the reporting commitments outlined in Section 4.2 and Appendix C of *Green Directions*. With this report constituting the final update of the current *Green Directions Vaughan* Master Plan, the changes noted in the year-over-year tracking of these indicators will work to inform the future iterations of this Master Plan.

GDV Goal	Indicator	Achievement
1: What we use	Energy Use: Total residential electricity use per capita	4% decline (2011-2012) 7% decline (2012-2013) 4% decline (2013-2014) 2% decline (2014-2015)
2: How we grow	Sustainable Built Form: Building floor area certified under recognized green building standards	73% increase (2011-2012) 3% increase (2012-2013) 43% increase (2013-2014) 15% increase (2014-2015)
3. How we get around	Walking and Cycling Paths: Length of walkways and cycling paths	10 km increase (2012-2013) Total length: 1,149 km 97 km increase (2013-2014) Total length: 1247.40 km 35.5 km increase (2014-2015) Total Length: 1282.92
4: How we live	Active Community: Total participant hours in City recreation programs	14% increase (2011-2012) 7% increase (2012-2013) 2% decrease (2013-2014) 1% increase (2014-2015)
5: How we lead	Environmental Engagement: Number of environmentally related public outreach events	8 events (2011) 9 events (2012) 12 events (2013) 12 events (2014) 8 events (2015)

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Attachment 2 of this report outlines the 24 indicators and displays the progress over the past 4 years of reporting. The 24 indicators monitored align with the strategic framework of the City; correspond to indicators being tracked in the Global City Indicators project; are meaningful to the departments responsible for tracking them; and, are compatible with existing benchmarks. The table above highlights trends for several notable indicators in each of the *Green Directions Vaughan* goal areas. Changes are articulated as a percent increase or decrease recognized as year over year progress.

Generally, the indicator trends demonstrate notable progress in several *GDV* goal areas. Positive changes from 2014 to 2015 include a 2% decline residential electricity use per person, sustainable built form has increased by 15%, 1% increase in total participant hours in City recreation programs, and a 35 km increase in the length of walking and cycling paths. Environmental engagement has declined slightly over the last year by way of fewer of environmental events.

Tracking the 24 indicators has provided the City with experience in measuring progress using quantitative metrics. Staff have addressed issues such as consistency in methodology and data availability to allow for assessment of trends. Indicator tracking will continue as a long-term initiative as the Province requires further monitoring as part of the implementation of the Provincial Plans.

Renewal of Green Directions Vaughan: Challenges and Opportunities in an Evolving Policy Regime

A critical component of the renewed *Green Directions 2.0* will be the alignment of its actions with the changing policy landscape at the provincial and federal levels.

Earlier this year, Ontario released the new Climate Change Action Plan that provides tools and incentives to lead growth, efficiency, and productivity in a low carbon economy. Under the Climate Change Mitigation and Low-Carbon Economy Act, 2016 (Bill 172), money earned from Ontario's cap and trade program will be deposited into a new Greenhouse Gas Reduction Account where the proceeds will be reinvested in green projects and initiatives to reduce emissions as set out in Schedule 1 of the Act. Together, the Climate Change Action Plan and cap and trade program will support public and private efforts to reduce greenhouse gas emissions 15 per cent below 1990 levels by 2020, 37 per cent by 2030, and 80 per cent by 2050.

In early 2015, Ontario embarked on a coordinated land use planning review of the Growth Plan for the Greater Golden Horseshoe, the Greenbelt Plan, the Oak Ridges Moraine Conservation Plan, and the Niagara Escarpment Plan. These four provincial land use plans work together to manage growth, build complete communities, curb sprawl, and protect the natural environment.

The Government of Ontario appointed an Advisory Panel, which conducted public consultations. It compiled a report that included 87 recommendations for consideration by the province in drafting amendments to the Plans. The amended Provincial Plans were issued in May of 2016 with further input requested by September 30, 2016 (amended to October 31, 2016). New obligations pertaining to sustainability and climate change mitigation have been identified in the amended plans. It has been indicated that the Province is intending to approve the resulting Plans by the end of this year. This may now be at question as a result of the change to the commenting date. The Region of York and the City of Vaughan are earnestly working to provide comments on these draft amendments. The final amendments and resulting regulations may not be enacted until 2017.

As the roles and obligations of municipalities become more transparent under the existing and emerging policy documents, it is imperative that *Green Directions Vaughan* be well positioned to

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align its goals, objectives, and ethics to complement the new provincial and federal policy direction. Understanding the objectives of the new and changing policies and how they interact will be essential in developing the next iteration of *GDV*. This will provide a sound framework to develop actions that satisfy, regional, and provincial goals and targets, while reflecting the local, “Made in Vaughan” conditions and objectives.

Further legislation and policy review will identify actions in *Green Directions 2.0* that will align with Vaughan’s vision as well as prepare *GDV 2.0* as a platform for implementation and to seek external funds. The following legislation and policy documents will need to be considered:

Climate Change Action Plan, 2016
Waste Free Ontario Act,
Supporting Ontario’s Trails Act, 2016
Growth Plan for the Greater Golden Horseshoe
Greenbelt Plan
Oak Ridges Moraine Conservation Plan
Provincial Policy Statement, 2014
Smart Growth for our Communities Act, 2015
Community Hubs in Ontario: A Strategic Framework and Action Plan
Clean Water Act, 2006
Endangered Species Act, 2007
The Big Move, 2008
Green Energy Act, 2009
Long-Term Affordable housing Strategy Update, 2016
Biodiversity: It’s Our Nature, The Ontario Government Plan to Conserve Biodiversity, 2011
Ontario’s Long-Term Energy Plan, 2013
CycleON: Ontario’s Cycling Strategy, 2013

Ontario Great Lakes Strategy, 2014
Infrastructure for Jobs and Prosperity Act, 2015
Building Together, 2011
Freight Supportive Guidelines, 2015
Transit Supportive Guidelines, 2012

Critical pieces of the Provincial policy framework are in flux as the Coordinated Provincial Plan review continues. With the amendments being finalized over the next number of months, the City requires a better understanding of this policy regime to shape an effective work plan and consulting assignment, before fully initiating the revision of *GDV 2.0*. Originally, it was intended that direction to proceed with the *GDV* update would be sought in the autumn of 2016. However, given the uncertainty over the policy initiatives it was decided to delay the retention of the consultant for *GDV* until there was greater clarity. Given the current situation and need to await the outcome of the Coordinated Plan Review, research and project planning will continue with in-house staff to advance the project as staff seek to develop a better understanding of the new policies and the needs and aspirations of the City’s departments.

Green Directions Vaughan 2.0 (2018-2023) Revision Strategy

The Policy Planning and Environmental Sustainability Department has \$47,500 in approved capital funds to revise *Green Directions Vaughan (GDV)* for the next term of implementation. On a preliminary basis, the program has been scoped a three phase strategy to guide the development of the next iteration of *Green Directions Vaughan*.

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Phase 1 – Complete an internal department consultation to identify key themes and major gaps in the existing program. . This Staff Report identifies outcomes from the completion of Phase 1. Emerging themes from staff discussions are identified below.

Phase 2 – Retain Consultant, commence external public and agency engagement and prepare the draft GDV for presentation to Council.

Phase 3 – Finalization of the draft by addressing public, staff, and Council feedback. Staff will seek Council approval of the Plan and execute a relaunch strategy.

Milestones
Phase 1
Internal department consultation
2015 GDV Progress Update
Phase 2
Retain consultant
Explore internal and public consultation opportunities
Update and review GDV 2.0
Seek Council feedback
Refine actions, targets, and departmental responsibility
Phase 3
Seek final Council approval
Launch GDV 2.0

Phase 1

The first phase of the GDV update strategy took place in Q1/Q2 2016 and consisted of internal consultations with senior management across the City of Vaughan departments. The Environmental Sustainability team met with 22 departments and/or project teams to discuss progress on the implementation of existing actions in GDV while exploring new themes, actions, and opportunities for consideration in the next iteration of the Plan.

Throughout the consultation phase, several common themes emerged from discussions with City of Vaughan staff.

Leading by Example - “Leading by example” was raised by staff to increase efforts to demonstrate leadership and best practices when it comes to environmental sustainability. This reflects the emphasis on the Service Excellence initiatives currently underway.

Health, Well-being, and the Environment – Staff advocated for corporate and community-based initiatives to align environmental sustainability initiatives to recognize health and well-being benefits.

Energy Efficiency and Climate Change Mitigation - Influenced by the Paris Climate Summit (COP 21) and the Province's Climate Change Strategy and Climate Change Action Plan, energy conservation and reducing greenhouse gas (GHG) emissions is a

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prominent theme influencing corporate infrastructure and community planning matters. Achieving progress on community-wide GHG emissions reductions requires a partnership approach as documented in the recently Council-approved Vaughan Municipal Energy Plan.

Climate Change Adaptation & Resilient Communities - Throughout discussions with City staff, addressing climate change adaptation in the next iteration of *GDV* was considered an important cornerstone in Vaughan's overall climate strategy. Issues were raised such as climate change risk assessments, resilient infrastructure, resiliency hubs and remedial response plans to better manage and prepare for climate impacts.

Measuring Progress - There is a general agreement among staff that the overall structure of *GDV* is robust and clearly assigns lead roles to specific departments for implementation of actions. However, tracking success has often been more qualitative. There is an interest in developing a strategy in which milestones or progress is better articulated in the revision of *GDV*, such as identifying process indicators and outcome indicators to better demonstrate achievements, aligned with department Business Plans so that reporting requirements are met through existing staff capacity.

Phase 2

Phase 2 has not yet been initiated. Phase 2 will involve retaining a consultant to help focus the development of the next iteration of *GDV*, explore and conduct innovative internal and public consultation activities (such as social media engagement strategies, public meetings, event outreach, and community surveying), and prepare a draft of the revised *Green Directions Vaughan (Green Directions 2.0)* Plan for Council input.

Phase 2 will further address stakeholder engagement by leveraging the existing network of memberships and partner organizations with which the City of Vaughan has built a rapport. The Policy Planning and Environmental Sustainability department will seek input on *GDV 2.0* from partner organizations such as the Clean Air Council, Smart Commute, ClimateWise Business Network, Seeds for Change, and the Toronto and Region Conservation Authority's Partners in Project Green. Additionally, the City will leverage the expertise of the former stakeholder advisory groups that contributed to the development of the City of Vaughan's Community Climate Action Plan (2014) and the recent Municipal Energy Plan (2016). This engaged over 30 different businesses, not-for-profits, public sector agencies, and community members. Their feedback will be sought to support the development of *GDV 2.0*. Moving forward with the implementation of *GDV 2.0*, the Policy Planning and Environmental Sustainability department will work with Corporate Communications to roll out a robust community engagement strategy, providing a platform for awareness and education campaigns, as well as opportunities to celebrate milestone achievements.

The following activities will be undertaken at the outset of Phase 2, in tandem with preparation for the Municipal Comprehensive Review, in order to develop a targeted Terms of Reference for the consultant deliverables:

- Legislation/policy review and alignment;
- Review implementation strategies with City departments;
- Municipal benchmarking; and
- Communication and consultation strategy.

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Phase 3

Phase 3 has not yet been initiated. Phase 3 will seek Council approval of the final plan, provide for an official launch of the plan, and explore communications options to engage staff and residents in the relaunch.

Assessment of the First Iteration of Green Directions Vaughan

Green Directions Vaughan was initiated as part of the Consolidated Growth Management Strategy – 2031 that evolved into Vaughan Tomorrow. *GDV* was identified as one of three key strategic documents that would guide the City's evolution toward 2031. The guiding policy documents for Vaughan Tomorrow were Vaughan Vision 20/20, *Green Directions Vaughan* and the Vaughan Official Plan. The role of *GDV* was to provide an overarching environmental framework to guide and support the City in carrying out its regulatory and operational functions.

GDV was a product of its time. By the late 2000s the City was increasingly addressing issues from a sustainability perspective. However, at the time there was no overall plan or process to track, coordinate and report on the various measures. Also lacking was a corporate ethic and principles to guide decision-making toward greater consideration of sustainability and the implications for the environment and the impacts on our communities and economic competitiveness. *GDV* fulfilled these functions and its Actions responded to the challenges of the day.

GDV has succeeded on several levels. First, it has created a strong brand image for the City's sustainability program. This image can be built upon in subsequent updates of the plan and support the roll-out of new initiatives. *GDV* helped cement a culture change that was on-going and resulted in all of the City's staff reports having to describe its contribution to sustainability. Progress has been made on virtually all of the initiatives identified in the inaugural version of *GDV*; and the adoption of performance indicators has provided another means of tracking the City's progress. The still limited data is starting to reveal areas of success.

As in 2008, the City is now into an updating of its Growth Management Strategy and conducting a Municipal Comprehensive Review. Consistent with City policy, this also triggers an update of *Green Directions Vaughan* as a key contributor to both processes. Since 2008, there have been substantial changes to the Provincial policy framework governing the environment, the economy and how municipalities are to grow and evolve. It is in this context that the next version of *GDV* needs to be prepared. Prior to proceeding there will be the need for an in depth understanding of these documents, many of which are still evolving. The current *GDV* provides a sound foundation for the next iteration of the Plan.

Relationship to Term of Council Service Excellence Strategy Map (2014-2018)

This report is consistent with the Term of Council Priority, "Continue to Cultivate an Environmentally Sustainable City". Currently, *Green Directions Vaughan* is tracked as a key activity to indicate progress under this priority in the Strategy Map. The next iteration of *Green Directions Vaughan* will retain the vision, ethics, and principles to guide the community to a more sustainable future by addressing environmental, cultural, social, and economic issues. The plan will continue to influence all aspects of the City's operational and regulatory activities.

Regional Implications

In 2007, York Region released its Sustainability Strategy, outlining its commitment to creating a sustainable future for the current and future residents of York Region. With the goal to balance a sustainable natural environment and a healthy community with economic vitality, the regional plan

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aims to inform decision making processes within the region. Of the nine municipalities in York Region, seven have drafted integrated community sustainability plans and/or sustainability development guidelines. The City of Vaughan was one of the first of these municipalities to draft and release an established plan with *Green Directions Vaughan*. The revision of *Green Directions Vaughan* will incorporate other relevant Regional requirements and guidance through the Region Official Plan, York Region Vision 2051, the Greening Strategy, and other operational and infrastructure master plans (e.g. Economic Development Action Plan, Integrated Waste Management Master Plan, Transportation Master Plan, Pedestrian and Cycling Master Plan, Water and Wastewater Master Plan, Long Term Water Conservation Strategy).

The continued progress and communication of the achievements and successes of this plan will work to establish the City of Vaughan as an environmental leader within the region. In addition, under the guidance of *Green Directions*, the City continues to contribute positively as a member of the Greater Toronto and Hamilton Area Clean Air Council. Working collaboratively with partner municipalities across the Region, the City's actions under *Green Directions Vaughan* work to advance regional clean air and climate change solutions.

Conclusion

The implementation phase of *Green Directions Vaughan*, the City of Vaughan's Community Sustainability and Environmental Master Plan continued throughout 2015. A number of the major initiatives as outlined in the plan have progressed significantly. To date, 100% of the 85 actions outlined in *Green Directions Vaughan* have been initiated: 28 of the action items are complete; 41 actions are ongoing; and 16 actions have been initiated and are in progress.

The fifth and final year of qualitative reporting continued to be complemented by a set of 24 quantitative indicators. These quantitative indicators, approved by Council in November 2012, are working to measure the impact and outcomes of *Green Directions Vaughan* and to highlight successes and identify areas in need of continued focus and improvement. Modest changes in

the tracked indicators were noted this reporting year, signifying the ongoing progress and success of *Green Directions Vaughan* actions and programs.

As the final year of implementation of *Green Directions Vaughan* comes to a close, the next steps are to move forward with the three phase update strategy to launch the second iteration of the Plan. As the Policy Planning and Environmental Sustainability department embarks on Phase 2, the team will identify key priorities to be updated in the plan with the aid of a consultant as well as monitor influential policy developments at the provincial and federal levels. During the development of *Green Directions Vaughan 2.0*, the Policy Planning and Environmental Sustainability team will continue to report annually on the 24 indicators in an effort to continue to measure progress as the City transitions to a revised set of Provincial policies, and corresponding City actions.

Attachments

1. Green Directions Vaughan Community Sustainability and Environmental Master Plan Implementation Update September 2016
2. Green Directions Vaughan Indicators

Report prepared by:

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(A copy of the attachments referred to in the foregoing have been forwarded to each Member of Council and a copy thereof is also on file in the office of the City Clerk.)