## **EXTRACT FROM COUNCIL MEETING MINUTES OF DECEMBER 14, 2009**

Item 1, Report No. 9, of the Environment Committee, which was adopted without amendment by the Council of the City of Vaughan on December 14, 2009.

# 1 GREEN DIRECTIONS VAUGHAN COMMUNITY SUSTAINABILITY AND ENVIRONMENTAL MASTER PLAN IMPLEMENTATION UPDATE AND OUTLOOK FOR 2010

#### The Environment Committee recommends:

- 1) That the recommendation contained in the following report of the City Manager, dated December 14, 2009, be approved; and
- 2) That staff provide an internal cultural plan in anticipation of the move to the new City Hall.

## **Recommendation**

The City Manager, in consultation with the Senior Management Team recommends that:

This report and Attachment 1, outlining progress to-date in the implementation of the actions prescribed in Green Directions Vaughan, be received for information purposes;

## Contribution to Sustainability

Objective 6.1 of Green Directions, "To fully support the implementation of Green Directions at all levels of City operations", 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.

# **Economic Impact**

There will be no economic impact resulting from the adoption of this report.

#### **Communications Plan**

A communications plan will not be required as a result of the adoption of this report. Some of the individual actions identified herein may require communications support. The type of response for such initiatives will be evaluated on their specific needs.

#### **Purpose**

The purpose of this report is to provide the Environment Committee with an update on the implementation of the Green Directions Vaughan plan and the plans for 2010.

#### **Background – Analysis and Options**

## a) <u>Background</u>

On April 14, 2009 Council approved the Green Directions Vaughan Community Sustainability and Environmental Master Plan. Green Directions is a component of *Vaughan Tomorrow*, the City's comprehensive growth management program. *Vaughan Tomorrow* is mandated by the City's Strategic Plan *Vaughan Vision 2020* and includes the preparation of a new official plan and a series of master plans addressing the delivery of services and infrastructure.

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As the City's sustainability plan, Green Directions contains a set of recommended actions that address the entire range of municipal responsibilities including both operational and regulatory functions. It will also serve 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. Preparation of the ICSP is a requirement of the federal government's new deal for cities as a condition of receiving funding from the federal gas tax.

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.

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 a Commission for implementation within a specific timeframe.

This report will focus on the status of the implementing initiatives set out in Section 3 "Action Plans" of Green Directions. Section 3 forms Attachment No. 1 to this report.

## b) Basis for an Annual Report

Under Goal 6, "To ensure a supportive system for the implementation of Green Directions", it is emphasized that much of the success of the plan will depend on the internal operations and functions that support its implementation. The plan prescribes a series of administrative, oversight, and monitoring actions that are designed to ensure that Green Directions is fully integrated into the City's day-to-day operations.

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Objective 6.1 of the plan is to, "Fully support the implementation of Green Directions at all levels of City operations". Paragraph 6.1.6 provides that the City:

Prepare an annual report to the Environment Committee on among other things:

- The status of existing programs (milestones);
- Accomplishments;
- New Initiatives; and
- Further opportunities

for the purposes of monitoring the implementation of the plan.

This update will be the initial reporting on Green Directions since its approval in April 2009.

Consistent with Paragraph 6.1.6, Section 4.2, "Monitoring and Reporting on Progress" recommends that staff report annually to the Environment Committee on the implementation of the plan. Section 4.2 also provides that, two years after Council's approval of Green Directions (April 2011), a report be prepared identifying baseline sustainability/environmental indicators. The indicators will provide the basis for assessing the City's progress in implementing the plan. Thereafter, it is recommended that an indicator report (or State of the Environment Report) be published on a minimum five year cycle to report on longer term changes.

Ultimately it will be an objective to produce a more formal annual report, suitable for publishing/posting on the City's Website.

## c) Focus of the Update and the Format

This report will be guided by the requirements of paragraph 6.1.6. Given the early stage in the lifecycle of Green Directions the focus will be on measures taken to-date to implement the plan's action steps and the activities anticipated for 2010. As such, the primary attention will be directed to projects that are identified for the 2009-10 timeframe or on projects that are classified as "Ongoing". Comments may also be provided for actions planned in the post-2010 period, where preliminary work may have occurred or where additional information is available.

Attachment No. 1 is based on Section 3, "Action Plans", of Green Directions. The attachment maintains the plan's format, which sets out the Goals, Objectives, Time Frames and Project Responsibility (Owner and Resource) pertaining to each Action. The update is set out in a new field entitled, "Status November 2009".

#### d) Observations on the Results To-date

The following conclusions can be drawn in reviewing the update, in regard to the 2009-10 Actions as set out in Attachment No. 1:

- **Substantial Work is Already Underway:** City departments are currently undertaking a wide range of actions or are planning to start in 2010;
- A Foundation is Being Built: The Vaughan Tomorrow Official Plan/Master Plan exercises, which will be a major contributor to the City's sustainable future is on track for adoption in 2010;
- There are High Potential New Initiatives for 2010: Major projects like the District Energy Feasibility Study and the Eco-Industrial Park Feasibility Study, which are programmed to begin in 2010, have the potential to become major contributors to the City's future:
- Administrative Issues Require Attention: Issues pertaining to the operation of the Environment Committee and implementation of Green Directions should be addressed in the new year in accordance with the plan.

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Advocacy, Outreach and Education is Critical: Sustainability is about culture change.
This is an opportunity for the City to build on its existing work in these areas to promote
its sustainability objectives. Actions identified in the plan should be implemented early in
the new year.

Staff will proceed with the work that is already underway and begin new actions as prescribed by the plan.

#### e) Moving forward into 2010

Ideally, it is the objective to complete all of the work programmed for 2009-2010 within the identified timeframe. However, because of the election cycle it will be necessary to focus on the January – June 2010 timeframe to deal with reporting and administrative issues and to receive any necessary direction from the Environment Committee. Staff will take this into consideration when scheduling matters that require Committee approval, input or instruction. This will ensure that as many projects as possible can proceed during the summer/election interval.

All of the projects identified in Green Directions for 2009-10 will be proceeding on the basis of the information provided in Attachment No. 1. A number of significant actions, like *Vaughan Tomorrow* and its related studies, will be continuing along their prescribed approval tracks. As noted above, there are several action areas that the Environment Committee will need to address. They include a number of administrative and advocacy issues that will support the operation of the Environment Committee and assist in the implementation of Green Directions. Since they are fundamental they should be resolved early in 2010. Green Directions addresses them in the following manner.

#### f) Administrative Initiatives

These actions are primarily captured under Goal 6: "To ensure a supportive system for the implementation of the Community Sustainability and Environmental Master Plan". Completion of the targeted actions under this goal will allow the Environment Committee to confirm its direction and ensure the efficient implementation of the plan and the operation of the Committee.

- 6.1.3 Review and confirm the Mandate, Terms of Reference and Membership of the Environment Committee, in consideration of the approval of Green Directions. Also assess the future role of the Greening Vaughan Advisory Committee.
- 6.1.4 Make required organizational and staffing adjustments to support the Environment Committee and the implementation of Green Directions which will include additional resources.

On November 10, 2009 Committee of the Whole recommended that the Greening Vaughan Advisory Committee remain in place until the conclusion of the current term of Council and the approval of a new Terms of Reference for the committee. Under the revised Terms of Reference the Greening Vaughan Advisory Committee will report to Council through the Environment Committee. Ultimately, there will be the need to confirm the format for a public advisory committee.

## g) Advocacy and Education

Culture and attitude change will play a lead role in moving toward a society founded on the principles of sustainability. As a municipal government, the City of Vaughan can be a leader by supporting, introducing, explaining and advocating measures that will result in a more sustainable world. A municipal government speaks to many audiences including, residents, business, other municipal governments and senior levels of government. This opportunity is recognized by Green Directions.

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Goal 5: "To be leaders in advocacy and education on sustainability issues", includes a number of actions that will position the City to move ahead. They have an administrative dimension that could be addressed comprehensively with the review of the Environment Committee's mandate and terms of reference under 6.1.3. These issues are policy oriented and would contribute to the overall management of the Committee. They include:

- 5.2.2 Develop an advocacy policy to identify, evaluate and select environmental issues that the City wishes to take a formal advocacy role, including such matters as level of involvement and resources required.
- 5.2.3 Create an inter-governmental relations strategy ensuring that the City of Vaughan participates in provincial, national and international forums and collaborates with neighbouring municipalities to share best practices.
- 5.2.4 Develop a policy for the consideration of partnering opportunities that may be initiated by the City, other governments and the private sector or public agencies.
- 5.2.5 Identify organizations for which the City should obtain membership. Participation in such initiatives should improve the City's profile, offer contact opportunities for advocacy in areas of strategic importance.

Addressing these Actions would set the framework for the Committee and staff to identify and prioritize advocacy initiatives

Education and consultation are related issues. As set out below, the intent is to foster a two-way dialogue between City staff and the public, where knowledge and information flows both ways. The following initiatives will need to be pursued or investigated in the first half of 2010. These include:

- 5.1.5 Develop an environmental education strategy to familiarize staff with the provisions of Green Directions expanding into an on-going education program. (Note: This could be paired with using the new Civic Centre for tours illustrating sustainable construction and energy conservation as in 5.1.3)
- 5.1.6 Develop an information kit and provide copies of Green Directions for use in Vaughan's schools.
- 5.2.6 Explore opportunities to work in partnership to create a public Vaughan Community Sustainability Forum to gather interested stakeholders together to share best practices in environmental and sustainability issues and facilitate the implementation of the outcomes.

Action 5.2.6 provides the opportunity for a public forum that would draw citizen's from beyond the usual advisory groups. This would provide differing perspectives and a chance to engage a broader public. It is expected that the forum would be held annually. If this was to occur mid-2010 planning would have to begin early in 2010 and would be subject to budget availability. Otherwise, it could be held in the first quarter of 2011.

The discussion of these opportunities should have early priority.

h) Major Initiatives Under Consideration for 2009-10

In addition to the actions that are now underway, several major projects are identified for 2010. They are examples of initiatives that have the potential to improve the City's environmental profile

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and support economic development. If implemented, either individually or in combination, they will represent a major move forward in our approach to energy use, the environment and economic development.

# **District Energy Feasibility Study**

Under Objective 1.2: "To promote the reduction of greenhouse gas emissions in the City of Vaughan", Action 1.2.2 provides that the City consider opportunities for developing community energy strategies for new development areas for the purpose of reducing energy consumption by applying a number measures, including District Energy Systems. It further provides that the City should also evaluate major development areas for district energy and other alternative energy forms. As a pilot program, a feasibility study should be undertaken to examine such opportunities in the Metropolitan Centre, concurrent with the review of the Metropolitan Centre Secondary Plan.

While focusing on the Metropolitan Centre as a pilot program, a district energy study would also examine other opportunities available to the City. These include the Vaughan Health Campus of Care, the Vaughan Enterprise Zone and the 400-North Employment Area (OPA No. 637). The study will examine issues such as market potential, preferred technology (e.g. combined heat and power), fuel source, evaluation of infrastructure needs, organizational structure and steps required to move beyond feasibility into implementation.

The objective is to parallel this exercise with a number of on-going official plan exercises to ensure that the land use policies support the implementation of district energy systems. This would apply to the Metropolitan Centre, the Vaughan Enterprise Zone and the Jane Street Major Mackenzie Drive Land Use Study (The Vaughan Health Campus of Care). The intention is that the District Energy Feasibility Study be completed by the end of June, with the study informing the Official Plan exercises as they proceed.

This study should be a priority given the potentially significant benefits to the environment, the timing of the on-going official plan review exercises and the role such systems can play in supporting business competitiveness and economic development. A draft Terms of Reference for the study has been prepared. Because this represents a potential business opportunity in the energy sector, staff will be preparing a report to the Board of Directors of Vaughan Holdings Inc. for the purposes of obtaining funding for the project (approximately \$100,000) and direction to proceed with the issuance of a Request for Proposals for consulting services.

## **Eco-Industrial Park Feasibility Study**

Under Objective 4.3: "To encourage the establishment of green businesses and sustainable business practices", Action 4.3.2 provides for the City to, "Undertake an eco-industrial park feasibility study." Green Directions describes an Eco-industrial Park in the following manner:

An eco-industrial park is a community of manufacturing and service businesses seeking enhanced environmental and economic performance through collaboration in managing environmental and resource issues, including energy, water, and materials. By working together, the community of businesses seeks a collective benefit that is greater than the sum of the individual benefits each company would realize if it optimized its individual performance alone. The goal of an eco-industrial park is to improve the economic performance of participating companies while minimizing their environmental impact.

This definition is based on the actions of individual firms working together to manage their operations in a more sustainable manner for their financial benefit. In order to attract such firms it will also be essential to provide the necessary public policy and infrastructure support. In addition, marketing will also play an important role the promotion of the concept.

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The underpinning for an eco-industrial park is a well-planned development which supports or facilitates energy efficient buildings and the use of techniques such as district energy, cogeneration and alternative energy sources like ground source geothermal and photovoltaic. As such, a comprehensive eco-industrial park study would need to meld policy/infrastructure, private action and marketing to create employment areas that would attract the sustainable businesses and industries of the future. This approach would need to be recognized in the City's new official plan and in the updated economic development strategy.

It is expected that the first implementation of an eco-industrial park strategy would be the City's greenfield employment areas (Vaughan Enterprise Zone and possibly the Vaughan-400 North Employment Area). The concept is also applicable to existing employment areas. However the uptake in developed areas would likely be slower given the fixed assets and operational needs of the established businesses. Application in greenfield areas will allow for branding and marketing initiatives to attract businesses interested in this type of setting at the outset. In addition, it could be a characteristic used to brand a prestige business park, should the City choose to move in that direction.

Like the District Energy feasibility study, pursuing an eco-industrial park strategy has the potential to produce major environmental benefits. It may also provide the City with a new branding and marketing opportunity, allowing it to target sustainable businesses and industries that reflect the 21<sup>st</sup> Century economy. This study will ultimately complement the new Official Plan policies, the Employment Sectors Strategy Study and the updating of the Economic Development Strategy. The initial steps in 2010 will be to ensure that the City's new official plan policies are supportive; and the refining of this opportunity through the preparation of the Economic Development Strategy.

# Alternative Energy Initiatives

As noted, Action 1.2.2 provides that the City consider, through partnerships, opportunities for developing community energy strategies for new development areas for the purpose of reducing energy use by applying such measures as co-generation/distributed power generation and photovoltaic, geothermal and wind systems. In addition Action 1.2.1 recommends advocating, where appropriate, for the use of existing infrastructure to allow citizens and businesses to share excess capacity to the energy grid.

PowerStream Inc. is now examining its opportunities under the Green Energy Act to become a generator of sustainable electricity using rooftop photovoltaic arrays. PowerStream has approached the City on this matter as a shareholder in the company. It is expected that once this opportunity is more fully developed it will be brought before the Board of Directors of Vaughan Holdings Inc. for consideration. In addition, PowerStream is evaluating the potential of City of Vaughan facilities for the purpose of producing photovoltaic power under the Feed in Tariff program.

While not specifically identified in Green Directions, this initiative represents an opportunity that is consistent with the policies of the plan. It has potential environmental benefits, it may provide economic benefits and it can reinforce and support other measures the City is investigating like the development of district energy systems and eco-industrial parks.

#### Relationship to Vaughan Vision 2020

This report is consistent with the following objectives and initiatives.

Lead and Promote Environmental Sustainability

 Develop and implement an Environmental Master Plan as part of the Growth Management Strategy 2031

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Plan and Manage Growth & Economic Development

• Complete and Implement the Growth Management Strategy

## **Regional Implications**

There are no Regional implications resulting from the adoption of this report.

## Conclusion

With Council's approval of Green Directions in April 2009 the City has committed itself to achieving a more sustainable future. As illustrated in Attachment No. 1, progress is being made on a range of important initiatives. Looking ahead to 2010, emphasis will need to be placed on a number of thematic areas. These include:

- Finalizing the administrative and policy framework to ensure the effective implementation of Green Directions and operation of the Environment Committee;
- Ensuring that education and outreach measures continue and are enhanced;
- Commencing some major actions that can play an important role in the City's sustainable future, including the District Energy and Eco-industrial Park feasibility studies; and
- The continued prosecution of projects that are already underway, including the implementation of the *Vaughan Tomorrow* growth management program, consistent with the update set out in Attachment No. 1.

Given the election, it will be necessary to focus on the first half of 2010 for the purposes of obtaining approvals and direction from the Environment Committee in order to further the existing program and respond to new issues and initiatives. This will allow for the continued advancement of the plan during the summer/election interval in 2010.

Therefore it is recommended that this report and the update set out in Attachment No. 1 be received for information purposes.

#### Attachments

Green Directions Vaughan
 Community Sustainability and Environmental Master Plan Implementation Update and Outlook for 2010
 November 2009

## Report Prepared by

Roy McQuillin, Manager of Corporate Policy, ext. 8211

(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.)

## **EXTRACT FROM COUNCIL MEETING MINUTES OF DECEMBER 14, 2009**

Item 2, Report No. 9, of the Environment Committee, which was adopted without amendment by the Council of the City of Vaughan on December 14, 2009.

# 2 <u>ENERGY EFFICIENT STREET LIGHTING PILOT PROJECT – STATUS UPDATE</u>

#### The Environment Committee recommends:

- 1) That the recommendation contained in the following report of the Commissioner of Engineering and Public Works, dated December 14, 2009, be approved; and
- 2) That the presentation from the Environmental Engineer and presentation material entitled, "Energy Efficient Street Lighting", dated December 11, 2009, be received.

#### **Recommendation**

The Commissioner of Engineering and Public Works recommends that this report be received for information purposes.

# **Contribution to Sustainability**

The energy efficient street light pilot project supports the goals and objectives of sustainability and the Green Directions Vaughan by examining new street light technologies with the purpose of establishing new street light standards in the City which are more environmentally friendly, sustainable and cost effective.

#### **Economic Impact**

There is no economic impact upon the adoption of this report.

## **Communication Plan**

A communication plan will not be required as a result of adopting this report.

## **Purpose**

The purpose of this report is to provide the Environmental Committee with an update on the Energy Efficient Street Lighting Pilot Project, which was approved by Council on June 15, 2009.

# **Background - Analysis and Options**

Council, at its meeting on June 15, 2009, adopted Item 1, Report No. 5, of the Environmental Committee which recommended:

- That the proposed energy efficient street lighting pilot projects be implemented as outlined in this report;
- 2. That staff report back on the results of the pilot projects after one full year of testing; and
- 3. That staff be authorized to test and evaluate additional energy efficient lighting systems subject to the lighting supplier providing the City with at least five luminaires at no cost for a period of one year.

# Installation of pilot lights

In response to Council's direction, staff established a program to test three different types of street lights including Induction Lighting (IL), High Efficiency Fluorescent Lighting (HEF) and Light Emitting Diode Lighting (LED). Each of these lights is reported to provide substantial energy

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savings while meeting the City's street light illumination standards. The three light types were installed on September 21, 2009 in groups of five lights on existing street light poles along Islington Avenue in Kleinburg next to the existing High Pressure Sodium (HPS) street lights as shown on Attachment No. 1. Each street light pole included a sign tab which identified the specific type of light on the pole.

Tests on the lights were conducted in September and October to determine the adequacy of each light in terms of intensity & distribution, light quality, and actual energy consumption. The light intensity and distribution of each light type was established in the field by using a light meter. In addition, the energy consumption of each light type was bench tested and measured. The collected data on each light type is now being compared to the existing City standards and the manufacturer's specifications.

Further analysis and testing of each light type is being conducted with consideration for the following factors:

- Life span
- Adequacy of light (intensity & distribution)
- Quality of light and colour
- Energy consumption
- Capital and maintenance costs
- Retrofit compatibility
- Recyclability & environmentally sensitive by-products
- "Pay-back" timeline for capital investment

The results of the Pilot Project will inform the City on which energy efficient street light type/technology is preferred for use in the City.

## Infrastructure Stimulus Funding Program

The City was successful in obtaining contribution funding through the Building Canada Fund, Infrastructure Stimulus Fund Program (ISF) for an energy efficient streetlight retrofit project. A total of \$1.5 million dollars was awarded to cover the project cost with one third contribution from each level of government (\$500,000 Federal, \$500,000 Provincial and \$500,000 City). According to the terms of the contractual agreement and ISF Program requirements, the construction start date must be within sixty days of the date noted in the application, which is October 1, 2009. Since the energy efficient street light pilot project was started in September the initial ISF milestone has been met. Staff has adjusted the original work plan and schedule for the pilot project in order to meet the mandatory completion date for the street light retrofit project of March 31, 2011.

### Presentation to Kleinburg Public School

On October 19, 2009, staff provided a presentation on the energy efficient street light pilot project to grades 5 and 6 students at the Kleinburg Public School. This presentation outlined the motivation behind implementing the pilot project, the project work plan, and what the City is expecting to achieve at the conclusion of this project. The presentation was well received and generated some good discussion and feedback.

## An evening walk with Kleinburg residents

An evening walk with the local residents in Kleinburg was conducted by staff on October 21, 2009, in order to solicit direct feedback on the test street lights. In general, residents were supportive of the pilot project. Following the walk, the participants were encouraged to complete the on-line survey that is located on the City's web site.

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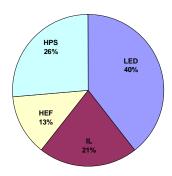
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## Public survey

A survey was placed on the City's web page to solicit public feedback and comments on the pilot lights. To date, a total of 48 survey submissions have been received. Out of the 48 surveys, four respondents did not indicate a preference to any one light type. Two respondents indicated that cost was the most important factor when selecting a preferred street light. Unfortunately, four of the surveys were not considered because of the absence of a valid postal code. The results of the remaining 38 surveys are summarized and illustrated below:

## SURVEY RESULTS - LIGHT TYPE PREFERENCE

Preferred Street Light Type	LED	IL	HEF	HPS
No. of Surveys	15 (39%)	8 (21%)	5 (13%)	10 (26%)



The majority of people (15 or 39%) preferred the LED lights. Interestingly, 10 or 26% of those surveyed expressed a preference for the existing HPS lights because it produces a softer and warmer light. Five of the survey respondents also noted that cost should be a major deciding factor in the selection process.

## **Continual Exploration**

In an effort to keep current with the fast changing technology of energy efficient street lighting, staff continues to explore other technologies and products. Staff is currently considering adding six more LED street lights from a different manufacturer to the pilot project.

## **Data Evaluation**

The City has retained an external consultant to assist in the testing and evaluation of the test street light types. It is expected that the initial analysis and results of the pilot project will be documented in January 2010, and staff will likely be in a position to report back to Council in February 2010.

#### Relationship to Vaughan Vision 2020/Green Directions Vaughan.

In consideration of the strategic priorities related to Vaughan Vision 2020, and the "Green Directions Vaughan" (which is the Community Sustainability and Environmental Master Plan", this pilot project will complement/assist the following:

- Enhance and Ensure Community Safety, Health & Wellness;
- Lead and Promote Environmental Sustainability:
- Pursue Excellence in Service Delivery: and
- Actions planned under Objective 2.1.4. of the Community Sustainability and Environmental Master Plan: "Examine Energy Conserving Streetlight Pilots"

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# **Regional Implications**

There is no immediate Regional implication resulting from the adoption of this report.

# Conclusion

The Energy Efficient Street Lighting Pilot Project was initiated in early September. Staff has advanced the timing of the pilot project to meet the requirements of the Infrastructure Stimulus Funded Program. It is expected that the initial analysis and results of the pilot project will be documented in January 2010, and staff will be in a position to report back to Council in February 2010.

## **Attachments**

1. Street Light Test Location Plan.

## Report prepared by

Anthony C. K. Ching, P. Eng., Environmental Engineer, ext. 8711

(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.)

# **EXTRACT FROM COUNCIL MEETING MINUTES OF DECEMBER 14, 2009**

Item 3, Report No. 9, of the Environment Committee, which was adopted without amendment by the Council of the City of Vaughan on December 14, 2009.

3 LETTER TO THE PRIME MINISTER FROM THE CHAIR OF THE ENVIRONMENTAL COMMITTEE WITH RESPECT TO VAUGHAN'S SUPPORT ON CLIMATE CHANGE AT THE COPENHAGEN CONFERENCE: DECEMBER 7-17, 2009

The Environment Committee recommends that the Chair of the Environment Committee's letter dated December 4, 2009, re: "United Nations Framework Convention on Climate Change Request for Support of the Motion of the Environmental Integrity Group Copenhagen Conference: December 7–17, 2009", be received.

The foregoing matter was brought to the attention of the Committee by Councillor Shefman.