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2009 GREENING STRATEGY ACHIEVEMENTS

The Transportation Services Committee recommends:

- 1. Receipt of the presentation by Ian Buchanan, Manager, Natural Heritage and Forestry Services and Sandra Malcic, Greening Co-ordinator, Transportation Services Department; and**
- 2. Adoption of the recommendation contained in the following report dated February 18, 2010, from the Commissioner of Transportation Services and Commissioner of Planning and Development Services.**

1. RECOMMENDATION

It is recommended that this report be received for information.

2. PURPOSE

This report provides Regional Council with an update on the activities and environmental achievements of the Greening Strategy in 2009.

3. BACKGROUND

The Regional Greening Strategy was adopted by Council in 2001. The intent of the strategy is to achieve on-the-ground action consistent with the forward-thinking environmental policy in the Regional Official Plan. The Greening Strategy is consistent with a number of Regional initiatives including Vision 2026, the Sustainability Strategy and Corporate clean air objectives. The strategy addresses habitat restoration, securement of greenlands, environmental education and promotion. Greening Strategy programs include the allocation of funds for both projects and land securement activities.

4. ANALYSIS AND OPTIONS

The Region is committed to protecting, rehabilitating, and creating natural areas through the Greening Strategy. A complete list of Greening Strategy initiatives and their actions and deliverables are included in *Attachment 1*. Some notable 2009 highlights follow.

The York Region Greening Strategy receives a prestigious environmental award

York Region received the Canadian Association of Municipal Administrators (CAMA) award of excellence for the environment in June 2009. This award was in recognition of innovation and dedication for delivery of the Greening Strategy. The 2008 annual achievements summary was the basis of the submission that received this significant award.

Significant on-the-ground action included the planting of 80,000 trees and shrubs

The following are Greening Strategy programs in the areas of environmental restoration and education:

- The York Natural Planting Partnership – subsidized private land tree planting in partnership with the Conservation Authorities.
- The Adopt a Stream Crossing Program – tree planting at Regional Road stream crossings with school children.
- Greening of Regional Rights-of-Way and other Region properties.
- Local Enhancement and Appreciation for Forests (LEAF) Backyard Tree Planting Program – urban residential tree planting partnership.
- Greening Support for local community naturalization events – subsidized trees for community tree planting events.
- Nature's Classroom – York Regional Forest public education programs.

In 2009, these programs resulted in the planting of over 80,000 trees and shrubs on more than 50 sites with 1000 volunteers. The LEAF Backyard Tree Planting program, first delivered as a pilot project in Markham in 2008, was expanded to include Vaughan and Richmond Hill in 2009. Through this program urban land owners can purchase a tree, as well as professional arborist services to select a species, site and plant the tree, at a subsidized cost.

Nature's Classroom presents a unique opportunity for groups to experience and learn about the natural environment in the York Regional Forest. In 2009, more than 2,000 community members participated in Nature's Classroom programs and public Forest Festivals and Events. Through these programs, residents learn about the Region's green infrastructure, our environmental consciousness and the York Regional Forest. Additionally, Nature's Classroom hosts tree planting at the Children's Water Festival and Earth Week programs which provided opportunities for an additional 5,000 students to learn about the Region's Greening initiatives.

Maximizing tree and shrub survival rates is a Regional priority

The majority of trees and shrubs planted through the Greening Strategy are part of public or private reforestation initiatives. Successful reforestation practices generally result in 80 to 90 percent survival of trees and shrubs. Together with our partners, the Region explores means to maximize survival rates. In 2010, staff will work with the Toronto and Region Conservation Authority and the Lake Simcoe Region Conservation Authority, our largest planting partners, to further monitor survival rates for reforestation planting. The findings of this monitoring will be used to propose additional practices to maximize survival.

Street tree survival has been monitored in detail for several years, including the completion of several street tree health assessments. Survival rates of 60% were observed in the early 2000's and have improved in recent years to 75%. Numerous steps have been taken to increase the survival of newly planted street trees including nursery stock inspection and selection, improvements to tree planting practices, the auditing of 100% of newly planted trees, implementation of a tree watering program (including slow drip irrigation through gator bags), and improved maintenance practices. Street tree performance will continue to be monitored and practices evaluated to ensure the best possible survival is achieved.

Seventy-three hectares are secured including a 28 hectare expansion of the York Regional Forest

Three properties, totalling 73 hectares, were secured by the Region or through our partnerships in 2009. With the Region's support, the Nature Conservancy of Canada (NCC) secured the 29 ha Klady Property in the Happy Valley Forest in the Township of King. The Region also contributed 1/3 of the cost for the Toronto and Region Conservation Authority to successfully secure a strategic 16 ha parcel (Klees) east of the Oak Ridges Corridor Park in the Town of Richmond Hill.

Most significantly, the Region was successful in acquiring the Walter's property in the Town of Whitchurch-Stouffville, which, along with the Bendor and Graves expansion of 2008, completes a connection between the North Tract and the Bendor and Graves Tract of the York Regional Forest. Table 1 shows the Greening land securement achievements for 2009, with the locations identified on *Attachment 2*.

Table 1
Properties Secured in 2009

Property	Land		York Region Contribution	Value of Securement
	Hectares	Acres		
Klady (Purchase – NCC)	29	72	NCC Agreement*	\$1,191,908
Klees (Purchase – TRCA, YR, RH)	16	40	\$470,000	\$1,410,000
Walters (Purchase – YR, ORMF)	28	71	\$360,000	\$400,000
TOTAL	73	183	\$830,000	\$3,001,908

* Regional contribution of \$100,000/year in accordance with Council approved three-year partnership agreements

York Region Urban Forest Studies in Vaughan and Markham contribute to a GTA-wide collaboration

In 2009, two Urban Forest Studies were initiated in partnership with York Region, the Toronto and Region Conservation Authority, the Town of Markham and the City of Vaughan. These studies place a monetary and ecological value on the functions of the urban forest (carbon storage, pollutant uptake, energy use mitigation, etc.). These models have been recognized internationally as critical for directing the management of the urban forest. In addition to Vaughan and Markham, studies are currently underway in the City of Toronto, the Town of Pickering, the Region of Peel, with other GTA municipalities considering undertaking studies in the near future. In December 2009, the Region adopted a new Regional Official Plan. Policy 2.2.46 of the Official Plan requires that local municipalities develop an Urban Forest Management Plan. These urban forest studies provide a strong foundation for the development of an Urban Forest Management Plan.

As Vaughan and Markham urban forest studies wrap up, Richmond Hill is expected to be the next municipality to initiate a study in partnership with York Region in 2010. Discussions with the Towns of Newmarket and Aurora are also underway.

Local Enhancement and Appreciation of Forests (LEAF) Backyard Tree Planting program expands delivery within York Region

LEAF, in consultation with local municipalities and other partners, is expected to further expand delivery of urban tree planting programs within York Region in 2010. The program was expanded in 2009 to include Vaughan, Markham and Richmond Hill. The program provides subsidized tree planting opportunities within urban areas. Expansion of urban tree planting programs will be explored in 2010.

5. FINANCIAL IMPLICATIONS

The Greening Strategy funding leverages funds up to a 6 to 1 ratio. An annual commitment of \$1.35 million is allocated to the delivery of the Greening Strategy, including land securement. The allocation of Greening funds to various projects and partnerships are reviewed annually to ensure programs are appropriately funded. The 2010 budget contains funds necessary to undertake all of the Greening initiatives planned for 2010. In total, the fund currently has \$2,200,000 available which includes the 2009 year end balance and the 2010 allocation. There are no additional financial implications with this report.

6. LOCAL MUNICIPAL IMPACT

Local municipalities are important partners in the Greening and Securement Strategies. They are consulted, or involved in, a number of implementation program and projects. Local municipal staff are members of the Land Securements Working Group and the Area Municipal Forestry Forum.

Through Vision 2026, Planning for Tomorrow, the Corporate Clean Air Task Force and the State of the Environment Report, the residents of York Region have reiterated the importance of the Region's natural heritage, and the Greening Strategy.

7. CONCLUSION

The Greening Strategy continues to demonstrate the Region's leadership and commitment to the natural environment. This proactive, high profile strategy exemplifies the Region's actions in environmental protection, rehabilitation and enhancement. Greening Strategy initiatives help realize the Region's environmental policies and objectives as articulated in the Regional Official Plan, the State of the Environment Report and Vision 2026.

For more information on this report, please contact Ian D. Buchanan, Manager of Natural Heritage and Forestry Services at Ext. 5204.

The Senior Management Group has reviewed this report.

(The two attachments referred to in this clause are attached to this report).

GREENING STRATEGY

ON-THE-GROUND ACTION



2009 Initiatives Summary

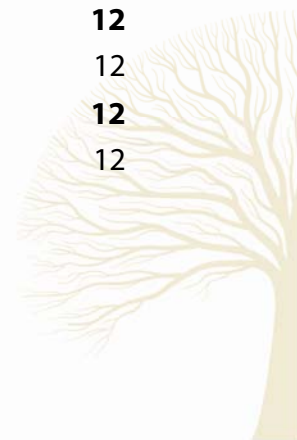
This report contains a summary of current Greening Strategy initiatives to achieve on-the-ground action consistent with the forward-thinking Regional environmental policy.

January 2010

GREENING STRATEGY INITIATIVES

January 2010

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1 Naturalization and Rehabilitation

The Region is committed to protecting, rehabilitating, and creating natural areas through the Greening Strategy. In partnership with a variety of organizations, the Region continues to positively impact the quality of our environment. Naturalization and Rehabilitation initiatives hosted or supported by the Regional Greening Strategy resulted in almost 80,000 trees and shrubs being planted on over 45 sites with over 1000 volunteers. As part of the York Region Greening Strategy, these projects contribute towards increasing York Region's forest cover. The Regional Official Plan forest cover target is 25% and with forest cover now at 22.5%, more planting needs to be done - an additional 4,362 hectares of trees should be planted or reforested naturally by 2026. Partners for York Region tree planting projects are many: the Conservation Authorities, local municipalities, the Rouge Park Alliance, 10,000 Trees for the Rouge Valley, and many others.



1.1 Adopt-A-Stream Crossing Program (AASCP)

This program has been ongoing since 2001 and rehabilitates stream crossings adjacent to Regional roads. In 2008, the program received a grant from Environment Canada through the Lake Simcoe Clean-up Fund. The fund provided \$38,000 to be used over 2008 and 2009 and has facilitated, among other things, hiring a part time Project Coordinator to ensure efficient and effective program delivery.

Key Deliverables: 1,335 trees and shrubs were planted on 15 sites with more than 350 students from across York Region ranging from Grade 5 to 12.

1.2 York Regional Forest Scout Earth Week Tree Planting

Annually, a number of Scout groups come out to undertake tree planting within the York Regional Forest as part of their Earth Week activities. In 2009 the Scouts planted 500 trees in the North Tract, in the Town of Whitchurch-Stouffville.

Key Deliverables: Two hectares of underplanting with 500 trees and 90 volunteers.

1.3 York Natural Planting Partnership (YNPP)

This very successful program, delivered in partnership with local Conservation Authorities, provides financial assistance to eligible landowners for private property reforestation. Select opportunities to plant on public lands are also considered through this program.

Key Deliverables: 45,000 trees and shrubs were planted on 20 hectares with 28 private landowners and 7 community groups.



GREENING STRATEGY INITIATIVES

January 2010

1.4 Spring Forest Festival Community Tree Plant

As part of the Spring Forest Festival, the public was invited to assist with forest management by underplanting white pines within the Eldred King Tract of the York Regional Forest.

Key Deliverables: 400 trees planted with 80 community volunteers.

1.5 Planting Trees with York Regional Staff Volunteers

In the spring of 2009, two York Regional departments volunteered a total of over 140 staff members to plant trees as part of Team Building activities. In total, 900 trees were planted in the valley system behind the Bales Drive Operations Centre and at the Stouffville Pumping station.

Key Deliverables: Over 900 trees planted with 140 Corporate volunteers.

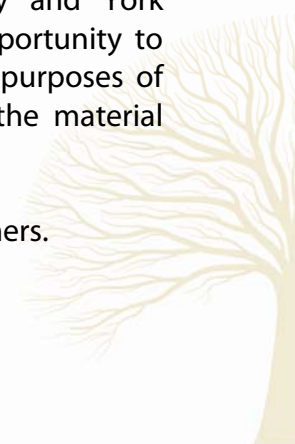


Members of the Transportation Services Department and their families volunteer their time on a Saturday morning to plant trees.

1.6 Bulk Seedling Order Program

In partnership with the Lake Simcoe Region Conservation Authority and York Environmental Stewardship, Regional residents are provided with an opportunity to buy bulk large quantities of trees and shrubs at a reduced cost for the purposes of naturalizing their properties. Participants are responsible for planting the material themselves.

Key Deliverables: 2,850 trees and shrubs distributed to 17 Regional landowners.



1.7 Regional Forest Operational Management Planting

Eldred King Woodlands, the Hall Tract, the North Tract, and the Bendor and Graves Extension were all subject to naturalization plantings. A total of 10,650 seedlings were planted within these Regional Forest locations.

Key Deliverables: 10,650 trees planted within the York Regional Forest.

1.8 Rouge Park Tree Planting Initiatives

York Region partnered with the Rouge Park, Trees Ontario, and the Toronto and Region Conservation Authority to plant 2 sites within the Rouge Park. The intent of this multi-year partnership is to see large areas of the park reforested in a timely fashion.



Key Deliverables: Two sites totalling 8.9 hectares were planted with a total of 9,495 trees and shrubs.

1.9 Greening Support of Local Municipal Tree Planting Initiatives

Local municipalities have fostered very successful working relationships with their local environmental stewards. As a result, they are very active with their communities in naturalizing the landscape. These local initiatives provide a great opportunity to advance Regional objectives to increase forest cover, provide education, and improve the health of the urban forest. Funding is provided to cover the costs of plant material required for these community naturalization initiatives at the request of the local municipality.

Key Deliverables: Five naturalization projects were supported by the Greening Strategy; two in East Gwillimbury, two in Richmond Hill and one in the Township of King. This Greening Strategy support resulted in approximately 3,570 trees and shrubs being planted on 1 hectare of land with over 250 volunteers.

2 Securement of Priority Greenlands

In addition to securing priority greenlands through education and stewardship, there are a series of property acquisition options that are used by the Region and our partners to protect lands. Tools include land bequests, easements, leaseback agreements, long term leases, donations and fee simple purchases. Another essential component of successfully securing priority greenlands is to undertake management planning secured properties.



GREENING STRATEGY INITIATIVES

January 2010

2.1 Securement Partnership agreements

Since 2001, York Region has fostered successful conservation partnerships with the Nature Conservancy of Canada (NCC) and the Oak Ridges Moraine Land Trust. These partnerships have been extremely successful in securing land as reported on in this, and previous, Greening Achievements Reports. These valuable three-year agreements (2006-2008) were extended for 2009 with new three-year agreements anticipated to begin in 2010. The Nature Conservancy of Canada receives \$100,000 from the Region to focus efforts within York. The agreement with the Oak Ridges Moraine Land Trust provides them access to \$40,000 from the Region to assist with the legal, professional and administrative costs of securing property within York Region.



Key Deliverables: One 29 hectare property (Klady) was secured by the NCC within the terms of these agreements.

2.2 Walters Property Regional Acquisition

York Region acquired the Walters Property in the Town of Whitchurch-Stouffville this year. This acquisition completed the connection between the North Tract and the Bendor and Graves Tract that was initiated with the Bendor and Graves Expansion (Schickedanz acquisition) in 2008.

Key Deliverables: Twenty Eight (28) hectares of land secured in Regional ownership as an expansion to the York Regional Forest in the Town of Whitchurch-Stouffville.

2.3 Klees Property Partnership Acquisition

The Klees property is a 16 hectare forested parcel within the Jefferson Forest in the Town of Richmond Hill. This property is a strategic part of a significant consolidation of public land in the Town of Richmond Hill (the Oak Ridges Corridor Park East Lands), east of Bayview Avenue. Public lands extend from Jefferson Forest on Stouffville Road, north to the Swan Lake property on Bethesda Road. The acquisition of this property completes a missing connection between the Oak Ridges Corridor Park East Lands and the Main Corridor Park located between Bathurst Street and Bayview Avenue. The property is a strong addition to a large collection of public land in the area providing important social and wildlife connection functions.

Key Deliverables: Toronto and Region Conservation Authority Ownership of a new 16 hectare parcel of land to be managed for the wildlife and residents of York Region.



2.4 Peggy's Wood Management Planning

In 2007 York Region, the Towns of East Gwillimbury and Newmarket, the Nature Conservancy of Canada and the Lake Simcoe Region Conservation Authority came together to form a Steering Committee to oversee the development of a management plan for the Peggy's Wood area. A draft management plan was prepared with adoption by local and Regional Councils expected in 2010.

Key Deliverables: Management Plan for approximately 100 hectares of recently acquired Natural Heritage lands within the ownership of York Region, the Town of East Gwillimbury and the Town of Newmarket.

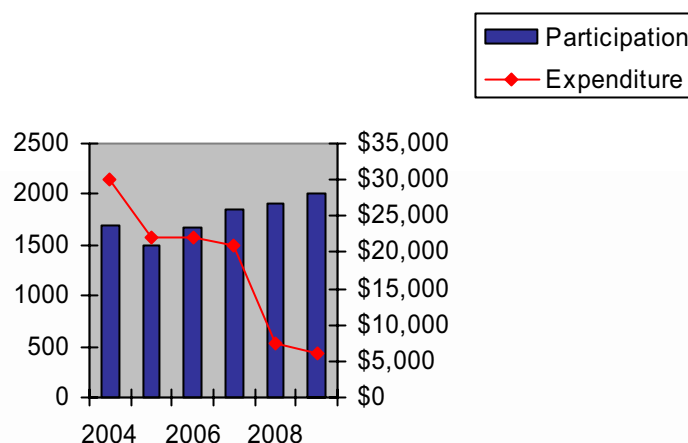
3 Community Education and Promotion Campaign

Public awareness of the values of our natural environment is an essential factor in securing a healthy natural heritage system for future generations. The Region has a number of promotional and educational initiatives underway to raise public awareness of our natural environment and the Region's diverse environmental programs and initiatives.

3.1 Forest Festivals and Events

Monthly Forest Festivals and Events are hosted in the York Regional Forest. The intent of these events is to educate the public about forest ecosystems and to increase awareness of the natural and social heritage of the York Regional Forest. More than 1000 people participated in two Forest Festivals and ten Forest Events.

Key Deliverables: Approximately 1,000 Community members learned about the York Regional Forest and the Region's environmental initiatives and partnerships by attending Forest Festivals or Events.



GREENING STRATEGY INITIATIVES

January 2010

3.2 Nature's Classroom

Nature's Classroom is an environmental education program which presents a unique opportunity for a variety of groups to experience and learn about the natural environment in the York Regional Forest. Since 2001, annual participation in the program has been on an increasing trend while the external costs to deliver the program have been decreasing.

Key Deliverables: 1,000 community members were educated about the York Regional Forest and the Region's environmental initiatives by participating in a Nature's Classroom program.

3.3 Corporate Environmental Education Events

York Region hosts a number of environmental education events. The Greening Strategy is a strong partner in all of them with particular success through the York Children's Water Festival and Earth Week celebrations. Natural Heritage and Forestry Services contributed to the Children's Water Festival in partnership with Water for Tomorrow. Five Thousand (5,000) Grade 4 students attended the Water Festival from across York Region.

Key Deliverables: Over 5,000 students were educated through the Children's Water Festival and Earth Week celebrations. Greening strategy funding provided for the planting of 647 trees and shrubs at the festival.



4 Role of Federal/Provincial Government Legislation

Legislation is a very useful tool to protect, enhance and promote the natural environment. In 2008, Regional Council adopted the Natural Heritage Strategic Directions report, as a component of the Region's broader Planning For Tomorrow sustainability initiative. Through this strategic directions report, the Region will examine new and improved ways to use legislation and other initiatives improve natural heritage protection and enhancement within the Region.

4.1 Natural Heritage Strategic Directions Report

With the introduction of the Greenbelt Act and Places to Grow legislation, York Region is comprehensively and proactively looking at our current planning practices and the best means by which to accommodate significant future growth as established by the Province while ensuring that we have a sustainable natural environment, healthy communities, and economic vitality (the triple bottom line). In doing so, the Region adopted the Natural Heritage Strategic directions report. Through the action items outlined in this report, the Region will, among other things, Update Our Natural Heritage System (Action 1), Restore and Strengthen the Natural Heritage System (Action 4), and Advance the Greening Strategy (Action 7).

Key Deliverables: An updated Regional Greenlands system and comprehensive set of policies adopted in the new Regional Official Plan.

5 Regional Operations

Through the Greening Strategy, the Region seeks to continually expand and improve the protection and enhancement of the natural environment, while providing necessary infrastructure and services to our residents.

5.1 Street Tree Structural Soil Installation Project

In 2009, the Region undertook two pilot structural soil installation projects; one on High Street in the community of Sutton, Town of Georgina and a second on Donald Cousens Parkway in the Town of Markham. These projects improve street tree survival rates by increasing rooting space and provide for research opportunities into fairly new technologies.

Key Deliverables: Two street tree enhancement projects to be used as demonstration sites for future projects.



GREENING STRATEGY INITIATIVES

January 2010

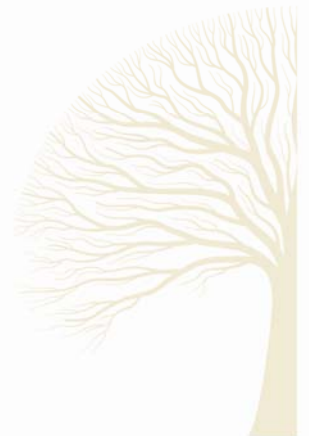
6 Urban Forest

The urban forest plays a significant role in enhancing the natural environment. Trees provide many environmental benefits such as oxygen production, improved aesthetics, and temperature moderation – in addition to enhancing the quality of life in York Region.

6.1 York Natural Planting Partnership for Private Urban Landowners

In 2007, the Natural Heritage and Forestry Services Section entered into a partnership with LEAF (Local Enhancement and Appreciation of Forests) to undertake a feasibility study for a private urban landowner tree planting program for York Region. In 2008, York Region, the Town of Markham and LEAF partnered to deliver a pilot program within Markham. In 2009, the program was delivered in Markham again and expanded to include the City of Vaughan and the Town of Richmond Hill. The program was exceptionally successful with 60 landowners participating.

Key Deliverables: 220 trees and shrubs planted within 87 private yards.



7 Green Partnerships

The Greening Strategy is successfully administered with the assistance of numerous partners. Partnerships have been established with local municipalities, other levels of government, academic agencies, and private and public stakeholders.

7.1 Strategic Partnerships

York Region continues to demonstrate leadership through Green Partnerships. These partnerships enable us to leverage additional funds, services and support, and optimize on the experience of other groups and individuals. Some key partnerships in 2008 included the Nature Conservancy of Canada, York Environmental Stewardship, the Conservation Authorities, LEAF (Local Enhancement and Appreciation of Forests), the Ministry of Natural Resources, the Oak Ridges Moraine Land Trust, the Oak Ridges Moraine Foundation, Trees Ontario and Environment Canada through the Clean Up Lake Simcoe Fund.



7.2 Providing a Forum for Municipal Interests across the Region

The York Region Natural Heritage and Forestry section takes the lead in facilitating forums for municipal groups across the Region. Bi-annual meetings were held with the Area Municipal Foresters and the Land Securement Working Group. One Environmental Advisory Committee "Summit" forum for all York Region EACs was co-hosted by Regional staff in partnership with the Town of Marham. All participants surveyed recognize the value in York Regional staff facilitating these meetings to provide greater understanding, improved partnerships and increased productivity across the Region.

Key Deliverable: Facilitation of forums for municipal staff increase understanding and productivity.



GREENING STRATEGY INITIATIVES

January 2010

8 Information Management

The availability of current Geographic Information System (GIS) data and environmental databases is of paramount importance in conserving natural features.

8.1 Regional Natural Heritage Trails Study

One of the actions of the Natural Heritage and Strategic Directions Report approved by Council in 2008 was to undertake a Regional Natural Heritage Trails Study, which occurred in 2009. This study assessed the Region's Natural Heritage System and recommends a conceptual Regional Trails Network. The study also made recommendations for a Regional role in Natural Heritage Trails planning and implementation. Regional Council's consideration of the report is anticipated for 2010.

Key Deliverables: Recommended Regional Natural Heritage Trails Network and a potential role for the Region.

9 Monitoring and Reporting

The Transportation Services and Planning and Development Services Departments will continue to report annually on the progress and achievements of the Greening Strategy including Securement activities. The public continues to be well informed of York Region's Greening Initiatives through presentations, displays and promotional material.

9.1 Vision 2026: Towards a Sustainable York Region

Through Vision 2026: Towards a Sustainable York Region, the Region reports on progress achieved as we accommodate new growth while protecting a sustainable natural environment, ensuring healthy communities and economic vitality (the triple bottom line).



2009 Secured Properties

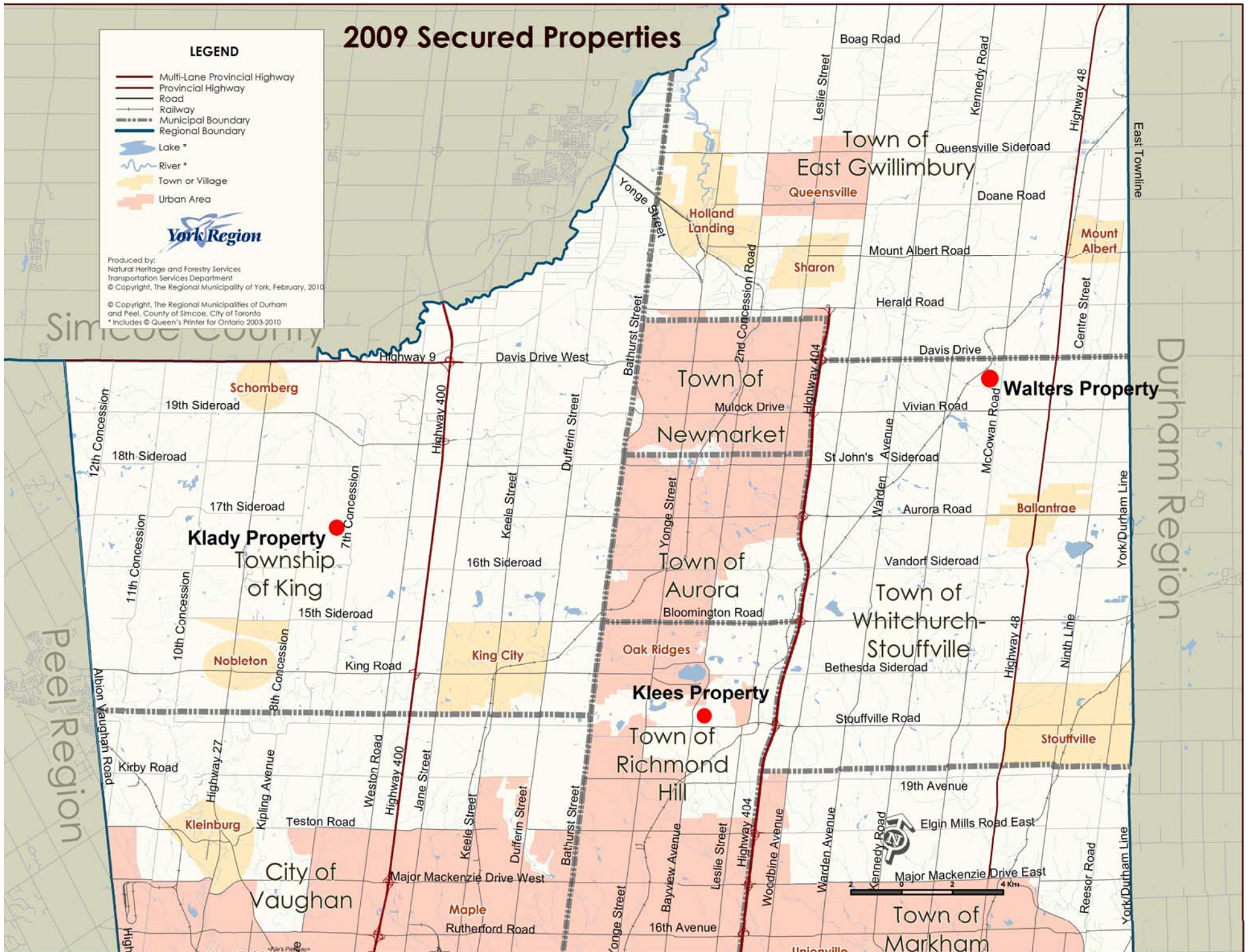
LEGEND

- Multi-Lane Provincial Highway
- Provincial Highway
- Road
- Railway
- Municipal Boundary
- Regional Boundary
- Lake *
- River *
- Town or Village
- Urban Area



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2009 Greening Achievements

Presentation to
Transportation Services Committee

March 3, 2010

Ian Buchanan,
Manager of Natural Heritage and Forestry Services
Sandra Malcic,
Regional Greening Coordinator



2009 Greening Achievements

Overview

- ❑ 2009 CAMA Environmental Award
- ❑ Tree Planting Programs and Education
- ❑ Conservation Land Securement
- ❑ Urban Forest Initiatives
- ❑ Recommendation



Transportation Services Committee, March 3, 2010

Slide 2

Prestigious Environmental Award Received

2009 Achievements

- ❑ 2009 Award of Excellence for the Environment
- ❑ Awarded by the Canadian Association of Municipal Administrators (CAMA)
- ❑ Acknowledging the Region's significant achievements through Greening Strategy implementation



Transportation Services Committee, March 3, 2010

Slide 3

80,000 Trees and Shrubs Planted

2009 Achievements

- ❑ York Natural Planting Partnership
- ❑ Streetscaping - Street tree planting
- ❑ Community naturalization initiatives
- ❑ Adopt-a-Stream-Crossing Program



Transportation Services Committee, March 3, 2010

Slide 4

Participation in Environmental Education Grows

2009 Achievements

- ❑ York Regional Forest Festivals and Events
- ❑ Nature's Classroom Programs
- ❑ Earth Week 2009
- ❑ Children's Water Festival
- ❑ Our Greening Side Celebration



Transportation Services Committee, March 3, 2010

Slide 5

73 ha of Land Secured for Conservation Purposes

2009 Achievements

- ❑ Happy Valley Forest - Nature Conservancy of Canada acquisition (29 hectares)
- ❑ Klees Property – Toronto and Region Conservation Authority acquisition (16 hectares)
- ❑ Walter's Property – York Region acquisition (28 hectares)

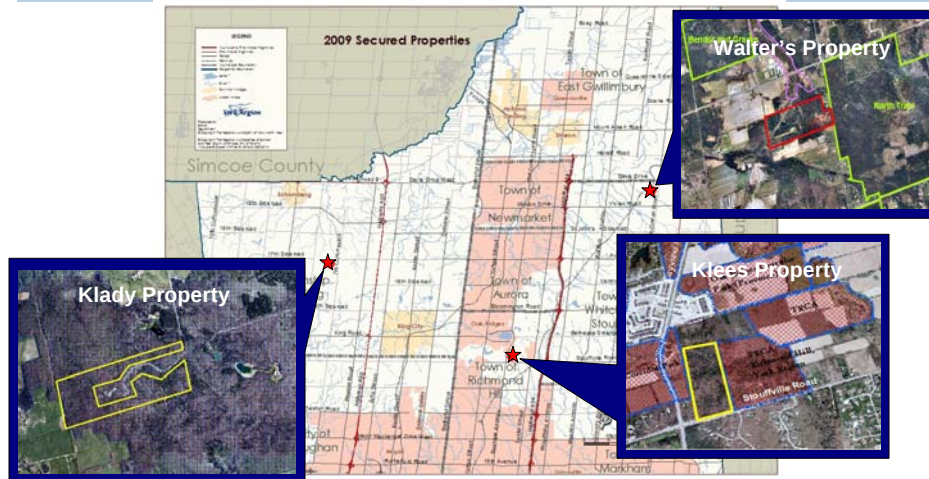


Transportation Services Committee, March 3, 2010

Slide 6

73 Hectares Secured for Conservation Purposes

2009 Achievements



Transportation Services Committee, March 3, 2010

Slide 7

Urban Forest: New & Expanded Programs

2009 Achievements

- ❑ York Partnership with Local Enhancement and Appreciation of Forests (LEAF) - Backyard Tree Planting Program
- ❑ Efforts to maximize street tree survival with new enhanced planting pilots
- ❑ Urban Forest Effects Modelling (UFORE) underway in Vaughan and Markham



Transportation Services Committee, March 3, 2010

Slide 8



Urban Forest (UFORE) Study

2009 Achievements

- ❑ Tree inventory and modeling tool to identify functions and services for urban forest management
- ❑ Partnership with Local Municipalities and Toronto and Region Conservation Authority, in cooperation with the US Department of Agriculture (Forestry)
- ❑ Measures the benefits of trees including the \$ value of:
 - energy saved (shade)
 - air pollution removed
 - carbon stored
- ❑ Helps to direct Urban Forest Management e.g. tree planting, pest response



Transportation Services Committee, March 3, 2010

Slide 9

Recommendation

It is recommended that the 2009
Greening Strategy Achievements report
be received for information



Transportation Services Committee, March 3, 2010

Slide 10