

2011 ENVIRONMENTAL ACTION REPORT

This is the final of three Environmental Action Reports outlining performance, achievements and the next steps in the evolution the Environmental Progress Action Plan - the creation of a Caledon Sustainability Plan.



A Message from the Mayor of Caledon, Marolyn Morrison...

In 2005, Council adopted the Town's first Environment Progress Action Plan – a plan of environmental initiatives for the Town to enhance its commitment to preserving and enhancing Caledon's environment. This report, the third and final in the Environmental Action Report series, highlights the Plan's achievements and outlines the next steps to guide the Town toward sustainability.

Caledon takes a leading role in environmental initiatives. We've established a Green Development Program which provides development charge discounts to new "green" industrial and commercial development. Our Community Green Fund has, to date, provided \$100,000 in grants to community and volunteer groups for local environmental projects. Most recently, Council adopted the Corporate Energy Management Plan, one of the most forward-thinking plans for a municipality of our size.

As we review where we've been, and look ahead to where we'd like to go and what we'd like to achieve, it is clear that the journey to sustainability incorporates much more than ideas and goals. Decisions, actions and commitment from both the Town and its citizens will play a key role in creating a community that not only desires a sustainable environment, but embraces and champions "green."

A Note on Accountability...

The Mayor and Councillors of the Town of Caledon are responsible for approving and passing any environmental and/or sustainability planning documents and are ultimately accountable for the environmental performance of the Town of Caledon. The Environmental Progress Office is responsible for developing, implementing, and ensuring performance against key objectives in collaboration and consultation with Town Of Caledon Staff. The Caledon Environmental Advisory Committee (CEAC) is a council-appointed group of citizen volunteers whose goal is to advise and assist the Council and citizens in the protection, enhancement, restoration, management and appreciation of the common natural heritage and in ensuring that communities are planned for with regards to environmental sustainability, health and respect for all life. CEAC also provides support, recommendations, and advice to the Environmental Progress Office. Additionally, a staff Environment Committee provides support to the Environmental Progress Office.

The Town of Caledon is also a member of the following organizations: Association of Municipalities of Ontario Energy Taskforce; Canada Green Building Council; GTA Clean Air Council; Partners for Climate Protection; Peel Safe and Active Routes to School; Smart Commute Brampton-Caledon; Region of Peel Air Quality Working Group. As a member of these organizations, the Town of Caledon has a responsibility to adhere to the mandate of each organization. If you would like to participate in Caledon's sustainability efforts or would like to provide feedback please contact sara.peckford@caledon.ca or jeremy.schembri@caledon.ca in the Environmental Progress Office.

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A Note on Sustainability...

In the previous 2005 Environmental Progress Action Plan (which is now complete) and subsequent Update Reports, the Town of Caledon has used the term Environment; however, as Caledon grows and progresses in environmental leadership, the more encompassing term 'Sustainability' is better suited. The next guiding document will be a Caledon Sustainability Plan. While "sustainability" can be a difficult term to understand, the 2010 Official Planning documents provides this broad definition:

"The wise use of available resources to meet the needs of the present without compromising the ability of future generations to meet their own needs."

The Official Plan views sustainability as a framework for integrated decision making that considers ecosystem health, social/cultural well-being, and economic prosperity.

This definition will be refined in the development of a Caledon Sustainability Plan in consultation with community stakeholders and Town staff.

GREENING TOWN HALL AND 'WALKING THE TALK...'

Greening Town Hall Performance

Objective: Although not contained within the 2005 Environmental Progress Action Plan, it was felt that Town Hall needs to 'Walk the Talk.' Therefore, the following initiatives were undertaken to reduce Town Halls environmental footprint.

Priorities	Actions 2009 – 2011	Results
Staff Carpooling Initiative	<ul style="list-style-type: none"> The Town has been a member of Smart Commute Brampton- Caledon since 2007 and continually provides 2 key programs to staff: Carpool Zone (a ride matching program) and Emergency Ride Home program. Implemented and promoted Annual Carpool Week to staff and designated 2 staff carpool spots in 2010. 	<ul style="list-style-type: none"> From 2006 to 2010, the Town of Caledon has increased its staff participation in the Smart Commute carpooling program by 7% (Table 1). Recipient of the 2010 Smart Commute Brampton-Caledon Employer of the year award. This recognition was the result of a growing number of staff pursuing sustainable modes of transportation and the Town of Caledon's numerous initiatives designed to encourage carpooling and active transportation in a rural setting.
Paper Use and Reduction	<ul style="list-style-type: none"> Continued Use of Canadian-made paper which contains Forest Stewardship Council certified 100% post-consumer fibre which is also certified EcoLogo, is chlorine free, and manufactured using biogas energy. Continued reliance on providing website links rather than photocopying material and double-sided copying; for example, posting Council agendas on Town website and electronic circulation to staff, paperless Joint Health and Safety Committee meetings, and Legislative Services is now posting all committee agendas and minutes on the Town website. Agendas are emailed to committee members that have email. State of the art environmental printing practices in all Town's corporate promotional materials. 	<ul style="list-style-type: none"> The Town began using recycled paper in the fall of 2008. By using recycled paper the Town has contributed to the following environmental savings: 864 mature trees, 2.7 million liters of water, 88.8 tonnes of CO₂e, and 34,177 kg of solid waste from going to landfill.
Recycling and E-Waste	<ul style="list-style-type: none"> Introduction of portable and reusable special event recycling bins at all Town events. All rentable parks have recycling pick up. Town is continually researching and implementing cost-effective measures to reduce amount of new or "virgin" aggregate used in road construction. Public Works utilizes Reclaimed Asphalt Pavements (RAP) to the maximum technically allowable percentage in all pavements used in Town projects. The Town utilizes all possible technologies to maximize the use of existing granular products and asphalt cements. These technologies use on site recycling methods that not only reduce the need for virgin aggregates and asphalt cements; it also reduces the carbon foot print, wear and tear and congestion on adjacent roads caused by the hauling of the virgin materials to the site. 	<ul style="list-style-type: none"> In 2010, the Town has recycled 117,520 tonnes of road aggregate (Table 2). The IT Section recycles all Town Hall printer toners, sends parts from Xerox machines back for recycling, and disposes of all electronic waste (i.e. dated computer equipment) to a local authorized Ontario Electronic Stewardship Collection site. www.ontarioelectronic-stewardship.ca Recycling boxes provided in Town Hall for rechargeable battery recycling. Promotion of community electronic waste program for cell phones and ink cartridges.
Drinking Water	<ul style="list-style-type: none"> Eliminated traditional style water bottle coolers at Town Hall. 	<ul style="list-style-type: none"> Through use of water coolers that rely on municipal tap water, Town has diverted approximately 1000 water cooler jugs from going into the landfill each year.
Reducing Chloride Use	<ul style="list-style-type: none"> Salt Management Plan developed in 2005 which sets out a policy and procedural framework for ensuring that the Town continuously improves on the effective delivery of winter maintenance services and the management of road salt used in winter maintenance operations. Town became a member of the Ontario Road Salt Management Group in 2009. In February 2011, fleet commenced the process of initiating GPS technology to assist in measuring and managing chloride use. 	<ul style="list-style-type: none"> Since 2008, the use of chloride has been decreasing (Table 3) reducing the amount of harmful salt in the community's soil and water.

Table 1: 2006 and 2010 Smart Commute Town Staff Survey Results

Year	2006	2010
Response rate	26%	38%
Carpool	3.9%	11%
Drive alone	88.2%	83%
Walk	1.3%	3%
Bike	1.3%	1%
Other	5.3%	2%

From 2007 to 2011, the Town of Caledon Staff Carpooling efforts have reduced 19 tonnes of CO₂e (GHG emissions) which is equivalent to removing 1238 cars off the road.



Table 2: Amount Of Recycled Aggregate

Year	2006	2010
Recycled asphalt used in the new HL-3 pavement	1840 t	3730 t
Pulverized asphalt reused on site	9103 t	21,700 t
New aggregate not required due to efficient construction techniques being employed	57,000 t	92,090 t

In 2010, The Town of Caledon has recycled 117,520 t of Aggregate in the construction of Town roads.



Table 3: Town of Caledon Chloride Use¹

(winter salt, winter brine and summer calcium- winter salt accounts for largest percentage, in tonnes)

2005	10943 t
2006	7075 t
2007	11139 t
2008	15663 t
2009	11574 t
2010	8078 t

There is a decreasing trend of Chloride use which can be attributed to more efficient management and which will help to protect Caledon's soil and water.



¹ It is important to note that weather is also a major factor in the amount of chloride use and although there is a concerted effort to reduce the use of chloride for Caledon, weather also contributes to increased and decreased uses.

AIR QUALITY

Air Quality Performance

Objective: To improve air quality for the Town of Caledon with a priority to investigate options to monitor local air quality and minimize poor air quality contributors.

Priorities	Actions 2009 – 2011	Results
Air Quality Monitoring	<ul style="list-style-type: none"> In July 2006, at the Town's request, The Ministry of Environment conducted a four week Regional Air Shed Characterization Study to determine if local sources contribute significantly to regional air quality levels. The Region of Peel also has a number of initiatives in which the Town of Caledon supports; including, <ul style="list-style-type: none"> Region's Strategic Plan commits the Region to implement strategies to improve air quality. Regional Official Plan Air Quality Section was updated and new policies have been approved by the Ministry of Municipal Housing and Affairs in 2010; for example, To monitor and model air quality to accurately establish local air emissions in Peel and report on the findings from the monitoring and modelling. Promotion of the Air Quality Health Index (AQHI), which can be found at www.airhealth.ca and other public media. For more information and resources please visit: http://www.peelregion.ca/health/cleanairpeel/ 	<ul style="list-style-type: none"> The study found that there are no predominant local sources of particulate matter. It was concluded that the Brampton and Newmarket stations provide adequate representation of Caledon's air quality.
Smog and Idling	<ul style="list-style-type: none"> Annual GTA Smog Summit participant. 2005-2010 Intergovernmental Declaration on Clean Air signatory. In 2006, idle free zones were created at all Town facilities and libraries as a friendly reminder to motorists to turn off their vehicles when parked. In 2007, idle free zone signs were provided to all Caledon schools. In spring 2009, an anti-idling public education and outreach campaign was launched which builds on all previous efforts. 	<ul style="list-style-type: none"> As a Declaration signatory, the Town committed to 12 clean air actions. 50 anti-idling signs have been distributed to Caledon businesses in 2009; flyers are distributed by parking officers when issuing tickets 4 anti-idling signs were provided to each Caledon school for a total of 80 signs
Transportation	<ul style="list-style-type: none"> GO Transit has completed a feasibility study for a new GO rail service to Bolton. The study found that the introduction of rail service to Bolton is feasible; however it is not being contemplated within the 10 year priority timeframe. In May 2009, the Caledon Transportation Needs Study Update was approved by Council which recommends key actions to meet Caledon's future transportation needs. <ul style="list-style-type: none"> Active Transportation Initiatives: <ul style="list-style-type: none"> 2010 Trails Master Plan Update now incorporates cycling routes and active transportation. Conducted a Walk and Bike for Life Workshop in March 2009 to obtain community input for Trails Master Plan. Participant in Region of Peel's active transportation project (www.walkandrollpeel.ca). 	<ul style="list-style-type: none"> There are currently 354 km of active transportation routes (Table 4) as of 2010. Approximately 40 community participants attended Walk and Bike for Life Workshop.
Fleet	<ul style="list-style-type: none"> Increased use of biodiesel in the Town's Fleet. Participation in Fleet Challenge Ontario which provides an impartial and unbiased E3 (Energy, Environment and Excellence) Fleet Review Approximately 17 single and tandem axle units are equipped with an anti-idling device which shuts the unit off after 10 minutes. 	<ul style="list-style-type: none"> Over 50% of the Town's fleet currently uses biodiesel (Table 5). The Town owns 2 Toyota Prius Hybrids for by-law staff.
Tree Seedling Program	<ul style="list-style-type: none"> Since 2003, the Town of Caledon and its residents have committed to planting tree seedlings to help keep the air clean, reduce air emissions, and increase local native biodiversity. 	<ul style="list-style-type: none"> To date, 118,000 seedlings, representing 18 different native species, have been distributed and planted within approximately 120 acres of Caledon (Table 6).

Table 4: Town's Active Transportation Routes (2010)³

Trails	268 km
Signed bike routes along roadways	86 km
Paved shoulders useable by cyclists	16 km

354 km of active transportation routes created in Caledon.

Table 5: Biodiesel usage for Fleet (L) ⁴

2009	163,891
2010	159,830
Total:	323,721

Over 320,000 L of biodiesel (B5 and B20) have been used to offset 37 tonnes of CO₂e (GHG emissions) by the Town of Caledon's fleet in 2009 and 2010. This is equivalent to removing approximately 7 cars off the road for 1 year.



Table 6: Tree Seedling Program

2003	12800
2004	19500
2005	17000
2006	12900
2007	17500
2008	14900
2009	12000
2010	11355
Total:	118,000

Distributed 118,000 native seedlings for planting by local residents across 120 acres⁶ of land, sequestering an estimated 4600 tonnes of CO₂e from the atmosphere.

³ This initiative could not have occurred without the generous support of numerous Town of Caledon volunteers over many years.

⁴ This number was calculated using the liters of B5 (5% Biodiesel Blend) and B20 (20% Blend) purchased by Caledon in 2009 and 2010 and then converted using a biodiesel calculator endorsed by the national biodiesel board and the EPA. Only total values have been reported.

⁵ 4600 t of CO₂e is based on EPA estimation, assuming that all tree seedlings survive for a 10 year period.

⁶ 120 acres is for illustrative purposes only and is based on an assumption that the trees are planted in a spacing configuration of 2m x 2m over a contiguous area of land.

CLIMATE CHANGE

Climate Change Performance

Objective: To reduce greenhouse gas emissions as a member of Partners for Climate Protection (PCP) – a network of 200+ Canadian Municipalities who have committed to climate change action. There are five milestones associated with Partners for Climate Protection. Each milestone is expected to be completed for the community and Town of Caledon corporation.

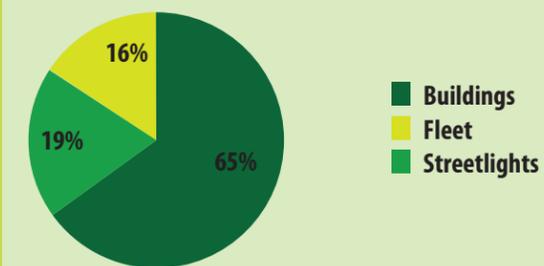
Priorities	Objective	Results
Milestone One	<ul style="list-style-type: none"> Establish a Greenhouse Gas Inventory and Forecast 	<ul style="list-style-type: none"> An updated community greenhouse gas inventory was completed in 2009 for the 2006 year and endorsed by Council. Community emissions have decreased slightly from 2001 to 2006 due to changes in provincial electricity production (coal phase out). An updated 2007 corporate inventory has been completed which will be submitted to PCP for review in 2011. Corporate emissions have remained approximately the same between 2003 and 2007. Please refer to emissions profile (Figures 1 & 2) and GHG Inventory tables below (Table 7).
Milestone Two	<ul style="list-style-type: none"> Develop Greenhouse Gas Targets 	<ul style="list-style-type: none"> Established a multi-stakeholder Community Working Group in 2010 for the development of a Caledon Community Climate Change Action Plan. This work will be included in the development of a Caledon Sustainability Plan. The Community Working Group will be recommending a community reduction target in 17% below 2006 levels, by 2021. This target aligns with the Western Climate Initiative. (www.westernclimateinitiative.org) A revised corporate target is still being assessed.
Milestone Three	<ul style="list-style-type: none"> Develop Local Action Plan 	<ul style="list-style-type: none"> A draft Caledon Community Climate Change Action Plan has been prepared and will go to Council in 2011. The corporate local action plan is currently considered in the following corporate documents: Environmental Progress Action Plan; Community Based Strategic Plan; and, Corporate Energy Management Plan.
Milestone Four	<ul style="list-style-type: none"> Implement Action Plan 	<ul style="list-style-type: none"> Implementation of the Environmental Progress Action Plan and new Corporate Energy Management Plan are ongoing. Community Working Group established which comprises 18 stakeholders representing key sectors (utilities, transportation, and agriculture); 4 Community Working Meetings were held in the fall and winter of 2010/2011 and a Key stakeholder Workshop including 55 participants. A community implementation strategy will be developed in 2011 for the Caledon Community Climate Change Action Plan. Town is an active member of the Region of Peel's Climate Change Strategy Project Team. www.peelregion.ca/climatechange
Milestone Five	<ul style="list-style-type: none"> Monitor Progress and Report Results 	<ul style="list-style-type: none"> Reporting corporate activities through 2007, 2009 and 2011 Environmental Action Reports www.caledon.ca/environment.

Table 7: Corporate and Community GHG Inventories Completed Since 2001 (t of CO₂e)

Corporate GHG Inventory	2003	2007	Difference
	5356 t	5333 t	-23 t
Community GHG Inventory	2001	2006	Difference
	317,602 t	298,438 t	-19,164 t



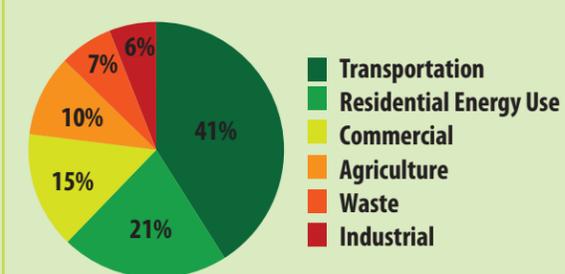
Figure 1: 2007 Corporate GHG Profile



Per Capita GHG Data

Corporate GHG Inventory:
25 t of CO₂e / permanent full time staff 2007

Figure 2: 2006 Corporate GHG Profile



Per Capita GHG Data

Community GHG Inventory:
5 t of CO₂e / resident 2006
16 t of CO₂e / total private dwelling 2006

ENERGY

Greening Town Hall Performance

Overall Objective: To reduce energy consumption by means of increased efficiency and to explore alternative energy sources.

Priorities	Actions 2009 – 2011	Results
Conservation and Efficiency	<ul style="list-style-type: none"> Developed Corporate Energy Management Plan which was endorsed by Council in December 2010. Developed Town's energy hedging and procurement strategy. Completed high level district energy feasibility study for Caledon East civic campus. Completed Energy Audits at the 2 remaining large recreational facilities- Caledon Central Pool and Lloyd Wilson Centennial Arena. <ul style="list-style-type: none"> Phase 2 of the Caledon Community Arena incorporates numerous energy efficient and green measures. Ongoing energy efficiency retrofits at Town facilities (i.e. conversion of Exit Signs to LED). Participated in the GTA LightSavers LED and Adaptive Lighting Pilot which has led to the installation of LED lights at the Caledon Community Complex parking lot. Participated in Local Authority Services (LAS) Benchmarking study in 2009 to compare Town's facility energy consumption with facilities in other municipalities. <ul style="list-style-type: none"> In 2009, Council gave approval to enter into a contract with Local Authority Services (LAS) to purchase electricity on the spot market for the Town's streetlights. Participated in Hydro One's Power Savers Blitz. Had lighting audits completed at numerous Town facilities and each facility was eligible for up to \$1,000 in free upgrades. 	<ul style="list-style-type: none"> The Corporate Energy Management Plan has 30 energy conservation actions to be completed in the next 3 years. Plan's objective is to reduce 2007 energy consumption by 15% by 2015. Anticipated savings from 2011 actions is approximately \$90,000. 14 Town facilities were benchmarked in the LAS Benchmark Study. The Town's results ranged from performing better than average to performing below average. This is a valuable tool in highlighting areas where improvements can be made. Since 2005, facilities responsible for 80% of Town's facility energy consumption have undergone an energy audit. LightSavers Program: LED lights consume 50% less electricity and a much less (4%) illumination depreciation than the pre-existing metal halide lights Power Savers Blitz: 29 lighting audits at Town facilities completed and upgrades implemented are valued at \$20,000

Green Energy	<ul style="list-style-type: none"> Town has been purchasing green electricity since 2006 with substantial increases over the years. Currently, 4 Town facilities in the Caledon East civic campus are offset by green power. A Solar Wall was installed at the Mayfield Recreation Centre in 2010. The wall preheats fresh air being transferred into the facility; resulting in improved energy conservation. Council is assessing the feasibility of solar energy at Town facilities and is considering installation of up to four solar photovoltaic microFIT systems. Renewables in Action Guidebook was developed for residents as an education tool to assist residents with small renewable residential installations (www.caledon.ca/environment). 	<ul style="list-style-type: none"> From 2006 to 2010, the Town has purchased a total of 4,784,344 kWh's of green electricity (Table 8). Received \$23,912 through federal ecoEnergy to assist with solar wall project. The wall should reduce the facility's gas load by 73,000 eKwh. Renewables in Action Guidebook was distributed to approximately 100 local enthusiasts.
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Table 8: Town Green Electricity Purchase (kWh)

2006	333,330
2007	650,000
2008	650,000
2009	1,575,507
2010	1,575,507
Total:	4,784,344



New Solar Wall at the Mayfield Recreation Complex.

A GREEN ECONOMY

Green Economic Performance

Overall Objective: To promote environmentally sustainable economic development.

Priorities	Actions 2009 – 2011	Results
Eco-Industrial Parks	<ul style="list-style-type: none"> A Roadmap to Eco-business Development in Caledon has been prepared to allow for eco-industrial parks within Caledon. Eco-industrial zones are where like minded business can pool resources and work together to improve sustainability. 	<ul style="list-style-type: none"> This is a work in progress and will be reported on further in the future.
Green Development Program	<ul style="list-style-type: none"> Pilot Green Development Program (which provides development charge discounts to new 'green' industrial and commercial development) was evaluated and a status report was presented to Council in 2009, Council approved Program continuation. 	<ul style="list-style-type: none"> Thus far we have had one company (ProLogis) participate in the Green Development Program. Through education and information distribution we hope to incent more local and new business to create green developments in the Town of Caledon. For more information, visit www.caledon.ca/greendevlopment
Energy Efficiency Grants	<ul style="list-style-type: none"> The Bolton Community Improvement Plan has grant opportunities for Energy Efficiency Retrofit, Environmental Study and Landscape Improvement Programs for eligible property owners 	<ul style="list-style-type: none"> Received 2 applications in 2010; one for a landscape project and one for a façade project. There has been considerable interest in the energy grants however no grants have been received at the moment.
Eating Local	<ul style="list-style-type: none"> 2009 and 2010 Caledon Countryside Alliance's Eat Local Week participant. Caledon's first ever Farmers' Market opened in June 2009- a first producer's market supporting agricultural sector and local artisans. Market continued in 2010 season. 	<ul style="list-style-type: none"> On average there were 21 vendors at each market and there was a 3% increase in 2010 visitors.



ENVIRONMENTAL AWARENESS

Environmental Awareness Performance

Overall Objective: To continue environmental education and stewardship to promote environmentally sustainable behavior within the community.

Priorities	Actions 2009 – 2011	Results
Community-wide and Corporate Awareness Initiatives	<ul style="list-style-type: none"> Since 2008 the Town has participated in Earth Hour (an international lights out event to raise climate change awareness) with various public events. Count Me In Community Challenge 2009 participation which was an energy conservation challenge among Ontario communities Waste Reduction Week at Town Hall in 2009 Series of Smart Commute and active transportation promotion activities. 	<ul style="list-style-type: none"> 45 participants for 2010 Earth Hour public Event. Over 100 Caledon residents participated in the 2009 Count Me In campaign 2009 Waste Reduction Week initiatives to promote staff education and awareness and to recycle batteries, cell phones and ink cartridges. Over 20 pounds of used household batteries were collected. For results of the Smart Commute Brampton-Caledon initiative please refer to Green Town Hall section of this report.

SUSTAINABLE PLANNING

Sustainable Planning Performance

Overall Objective: To continue progressive planning for Mayfield West, Bolton/Albion South and other villages.

Priorities	Actions 2009 – 2011
Enhancing the Town's and Region's Official Plan	<ul style="list-style-type: none"> New sustainability and related policies regarding sustainable development patterns and community design; climate change; conservation of water and energy; alternative and renewable energy systems; air quality; adaptive environmental management; and sustainability indicators and monitoring were incorporated into the Town's Official Plans in 2010. A copy of the Official Plan Amendment (OPA 226) can be found on the Town's website (www.caledon.ca) within the Policy Section (Official Plan Amendments) under the Planning and Development Department.
Mayfield West Development	<ul style="list-style-type: none"> The Council approved sustainability guiding principles continually influence Mayfield West 2 Secondary Plan. Council approved a Comprehensive Adaptive Management Plan for Mayfield West Phase 1 in October 2009. A long term monitoring program is critical to the successful implementation of the Management Plan which encompasses a number of disciplines including surface water, groundwater, terrestrial and wetland resources, fisheries and stream morphology. Incorporating use of Eco-Lawn (low to no maintenance drought resistant grass) and native plantings in Mayfield West plans of subdivisions' greenway corridors, environmental areas and in and around storm water management ponds.
Cleaner Parks	<ul style="list-style-type: none"> Ongoing maintenance of parks as pesticide and herbicide free.



COMMUNITY CAPACITY

Community Capacity Performance

Overall Objective: To provide appropriate forms of support to local environmental groups who are instrumental in fostering sustainable behaviour.

Priorities	Actions 2009 – 2011	Results
Community Green Fund	<ul style="list-style-type: none"> The Town continues to support community environmental work through a Community Green Fund which was established in 2006. 	<ul style="list-style-type: none"> The Town has awarded close to \$100,000 for 32 community environmental projects which has helped groups leverage over \$200,000 of additional funding and in-kind assistance (Table 9). Refer to Table 10 with a list of community initiatives supported by the Green Fund and the related successes. For more information on these projects, visit www.caledon.ca/environment for the Community Green Fund Showcase Report.

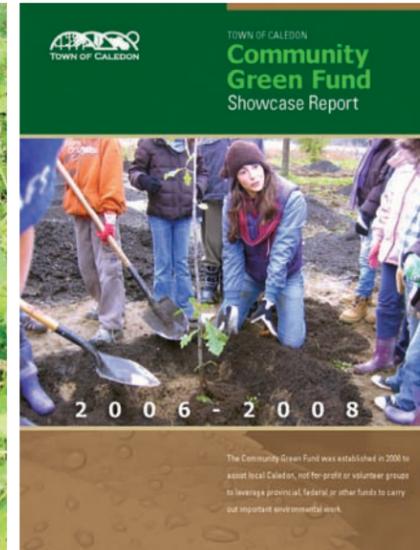


Table 9: Community Green Fund Grants

Year	Town Contribution
2006	\$15,000 for 6 projects
2007	\$14,750 for 4 projects
2008	\$31,612 for 9 projects
2009	\$17,200 for 6 projects
2010	\$20,750 for 7 projects
Total:	\$99,312 for 32 projects

COMMUNITY GREEN FUND PROJECTS SUMMARY

Project	Summary/Results
Pesticide Exchange and Lawn Alternatives Event (2006, 2009)	<ul style="list-style-type: none"> Pesticide Exchange: 300 vehicle participants, 900 Litres of pesticide collected. Lawn Alternatives Workshop: 22 residents participated to learn about low maintenance, environmentally friendly and re-naturalized lawns that do not require pesticides.
Green Education and Infrastructure Support for Local Schools	<ul style="list-style-type: none"> James Bolton Public School: Support for outdoor learning centre and school garden (Planted 3 large trees, 84 small saplings, 126 shrubs, 175 perennials) with 50 local volunteers and support from over 20 local businesses. Belfountain Public School: Outdoor education pilot for Grades 2, 3 and 6 thorough interaction with Credit River Watershed and a school grounds naturalization project. Herb Campbell Public School: Support for Eco Club outdoor classroom initiative which included: creation of butterfly garden; front yard biodiversity monitoring and tree plantings; expansion of rainwater collection program; and, creation of field guide and interpretive sign installation. St. Cornelius School: Support for Eco-Garden Project which will sustain local wildlife and allow for eco-friendly education.
Naturalization and Stream Rehabilitation Projects through support of Ontario Streams, Bolton District Horticultural Society and Belfountain Community Organization	<ul style="list-style-type: none"> Belfountain: Re-establish and support native species in greater Belfountain area and ecological restoration education program. Bolton Mill Park: 36 mature trees planted and wetland expansion which increased aquatic life and tree coverage. Centreville Creek: 6000 seedlings, 1400 trees and 600 shrubs plus 150 meters of in-stream work. Centreville Creek: 380 trees and shrubs and 380 meters of in-stream work. Humber River: Project resulted in re-establishment of brook trout and reintroduction of Atlantic Salmon which is the first time in approximately 150 years. Boyce's and Centreville Creek: New bird and owl boxes were installed and purple loosestrife was controlled. Coffey Creek: Second phase of Atlantic salmon egg incubation experiment commenced with 11,000 eggs being stocked and monitored. Caledon Creek: 300-400 native tree and shrub plantings over 150 meters of stream to rehabilitate riparian buffer. An additional 300-400 native trees and shrubs are planted at top end of Lyndsay Creek. Willoughby Nature Reserve: Improved accessibility of Reserve, made improvements to trail system and riparian plantings to cover and provide wildlife habitat. Boyce's Centreville and Coffey Creeks: Continued in-stream restoration and enhancement efforts over a minimum of 150 meters.
Local Food Projects	<ul style="list-style-type: none"> Belfountain Community Organization Local Food Project Albion Hills Community Farm and Learning Centre: Strategic Planning and Fundraising Processes and support Palgrave Community Kitchen establishment
Additional Projects Supported	<ul style="list-style-type: none"> Citizens for a Clean Caledon Youth Concert: Taking back suburbia tour. Melville White Church: Composting toilet installation. Palgrave: Frog education and awareness program. Caledon Community Map: Support.

MAJOR SUCCESSES:

- Launched Green Development Program for new 'green' industrial and commercial buildings (2008).
- Council endorsement of Corporate Energy Management Plan (2010).
- Implementation of Environmental Progress Action Plan- the Town's first Corporate Environmental Strategy (2005-2010).
- Council endorsement of Bolton Community Improvement Plan and associated grants for energy efficiency measures (2009).
- Community Green Fund supports \$100,000 worth of community projects and leverages an additional \$200,000 in funding and in-kind assistance (2006-2011).
- Solar Wall Installation at Mayfield Recreational Complex (2010). New sustainability and related policies incorporated into Town's Official Plan (2010).
- Town's Smart Commute Brampton- Caledon Membership and program offerings (carpool zone and emergency ride home) for staff (2007).
- Launch of Caledon Farmers Market (2009).
- Tree Seedling Program for local residents (2003).
- The continued and expanded use of biodiesel for Town fleet and Parks equipment (2005-2010).
- Town's continued commitment to green power purchase (2007).
- 2011 launch of new Natural Snow Fence Program in partnership with local farmers. For more information: www.caledon.ca/contentc/townhall/departments/publicworks/snowfence.pdf

KEY PRIORITIES MOVING FORWARD:

- To develop a Caledon sustainability plan which may include sustainability targets to ensure progress on objectives.
- To implement the Corporate Energy Management Plan.
- To implement the Community Climate Change Action Plan to reduce community greenhouse gas emissions.
- To build on the Town's green purchasing policy by implementing green procurement staff procedures.
- To implement sustainability policies included in the Town's Official Plan Amendment 226.
- To develop a Corporate Green Building Standard for all new Town facilities.
- To continue to support community sustainability initiatives.
- To continue to engage all Town stakeholders so that they can inform and participate in making Caledon a green and sustainable place to live.