

HighlandCreekWatershed

Neighbourhood Greening Plans
Implementation Opportunities for
Milliken Park, Morningside Park & Cedarbrook Park
Pilot Project Areas



August 2012
prepared by
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PlanB Natural Heritage
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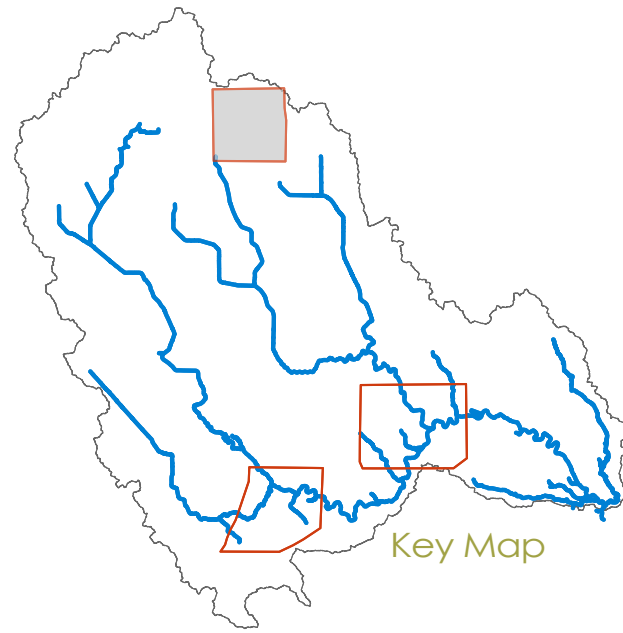


Public workshop participation and professional consultant team analyses have been consolidated in this mapping of existing conditions and implementation opportunities for three pilot project area within the Highland Creek Watershed: the neighbourhoods around Milliken Park, Morningside Park, and Cedarbrook Park. The project opportunities described here are intended to spark discussion and help mobilize community members to address key issues facing the Highland Creek Watershed and to increase awareness of the connection between everyday activities and the health of the River.

milliken park



Milliken Park Neighbourhood Greening Plan



Existing Conditions Legend

- Highland Creek
- Floodline
- Trail
- Commercial Centre
- Institutional or Community Facility
- Residential Area
- High Density Residential
- Park & Green Space
- Hydro Corridor
- Forest
- Meadow
- Wetland
- Open Water

Opportunities Legend

- Greening Plan Boundary
- Native Tree Green Link
- Forest Enhancement
- Meadow Naturalization
- Riparian Planting
- Wetland Enhancement
- Community Native Wildflower Garden
- Community Vegetable Garden
- Rain Garden
- Eco-School Designation
- Dark Sky Compliant Solar Lighting
- Trail Extension or Improvement
- Demonstration/Teaching Project
- Signage
- Seating
- Permeable Paving
- Bioswale
- Infiltration Gallery

Notes:
The Milliken Park area will be assessed under the City's Emerald Ash Borer Management Plan.

Greening Actions Legend

What can **Green** do for **You**?
What can **You** do for **Green**?

① Green Your House & Yard

- Disconnect your downspout
- Set up a rain barrel
- Construct a rain garden
- Contribute to forest enhancement with native, non-invasive trees and shrubs
- Install permeable paving in driveways
- Plant a garden for food and colour
- Select native and non-invasive plants for butterflies and birds
- Plant native trees to cool your home and reduce runoff
- Plant fruit trees for edible harvest
- Be a good neighbour to adjacent natural areas by planting native, non-invasive plants
- Undertake a green home audit
- Identify retrofits to reduce water and energy use & save money
- Install solar panels where feasible

② Green Your Apartment

- Grow a balcony garden for food and colour
- Start a community garden
- Plant trees to cool and clean the air & reduce stormwater runoff
- Install permeable paving in driveways and parking lots
- Construct a green roof where feasible
- Install solar panels where feasible
- Turn off lights to save energy and money
- Pick up litter

③ Green Your Park

- Volunteer to help plant or clean up
- Plant a community flower and vegetable garden
- Plant native, non-invasive trees to increase the urban tree canopy, cool and clean the air and absorb stormwater
- Plant native, non-invasive trees and shrubs to enhance connectivity between natural areas for wildlife
- Pick up litter

④ Green Your Hydro Corridor

- Plant native shrubs for terrestrial habitat improvement and connectivity
- Naturalize the corridor with native meadow planting
- Incorporate informational and wayfinding signage
- Plant community native wildflower and vegetable gardens

⑤ Green Your Pond

- Protect the water from pollution – stoop and scoop!
- Don't dump in the pond
- Don't release pet turtles, pet fish or fishing bait into the pond
- Garden organically without chemicals
- Plant along the pond banks to provide habitats.
- Volunteer to help plant or clean up along the pond bank

⑥ Green Your School

- Reduce paved areas to promote infiltration
- Install permeable paving in driveways and parking lots
- Plant native trees and shrubs for shade & to reduce runoff
- Start a native wildflower community garden featuring spring & fall blooms
- Become an Eco School or continue to develop Eco School programming
- Collaborate with nearby schools to initiate community greening projects
- Install solar panels where feasible
- Construct a green roof where feasible

⑦ Green Your Street & Driveway

- Plant native, urban environment tolerant trees to shade and reduce urban heat island effect
- Make paved areas as small as possible
- Replace asphalt driveways and parking lots with permeable paving
- Use less road salt or no salt to protect our creeks and lakes
- Pick up litter

Forest Enhancement Planting and Meadow Naturalization in Parks



Greening Residential Areas



Naturalizing the Hydro Corridor



location

Publicly Owned

Milliken Park and Goldhawk Park are managed by the City of Toronto. Projects would require approvals from the City of Toronto before work could begin. City of Toronto and TRCA would be consulted and provide supporting resources.

Individual Private & Communal Private

Individual homes, apartment buildings and condominiums throughout the area. Condo owners require Condominium Board approval in their respective buildings. House and apartment renters must receive approval from their landlords before initiating any greening projects that alter the property.

Privately Owned

The hydro corridor between Brimley and Middlefield is owned by Hydro One. The trail and surrounding lands are managed by the City of Toronto Transportation. Projects must be in partnership with the City of Toronto and approvals granted by Hydro One.

Forest Enhancement Planting

Woodlot buffer planting and understory planting with selected native trees and shrubs can enhance terrestrial wildlife habitat, add biodiversity and increase the urban canopy.

Meadow Naturalization

Establishing no-mow naturalized meadow zones adjacent to forest edges can absorb stormwater, provide terrestrial wildlife habitat, increase biodiversity and reduce maintenance costs.

Planting

Individual or community flower or vegetable gardens, rooftop gardens, enhancing the urban tree canopy with native trees, and planting balcony gardens.

Stormwater Management

Disconnecting downspouts, constructing rain gardens, installing rain barrels, increasing permeable areas with soft landscaping, installing permeable paving on driveways and parking lots, and planting shrubs.

Energy

Using energy-efficient lights and appliances and installing solar panels on the rooftops of individual homes and apartment buildings where feasible.

Meadow Naturalization Planting

Seeding the corridor with wildflower and native grasses combined with establishing no-mow zones can provide increased biodiversity, wildlife habitat and connectivity, and reduce maintenance costs.

Community Wildflower and Vegetable Gardens

These can provide wildlife habitats, create appealing spaces for the public, provide access to fresh food and community development.

Access

Trail enhancements with signage can create more accessible spaces that will create a more enjoyable experience on the trail.

stewardship

Community Stewardship

Forest enhancement planting and meadow naturalization projects can be initiated and maintained by community members who want to engage in greening initiatives. The City of Toronto will need to be involved at the onset of these projects to approve the proposed locations and sizes of the planting areas, and to establish areas for 'no mow' zones. The City of Toronto and TRCA can provide technical expertise, organizing events and/or linking with funding sources as available.

Individual Stewardship

Individual homeowners are responsible for initiating these greening projects and funding the necessary tools and materials.

Community Stewardship

Condo owners must work together to initiate greening activities in communal areas (such as greenroofs, rooftop gardens, and permeable paving on parking lots). Tenants in apartment buildings should also work together, along with their landlords, to complete greening projects that will alter their rented properties.

Community Stewardship

As the hydro corridor is owned by Hydro One and the trail and surrounding lands are managed by City of Toronto Transportation, community members must work with City of Toronto departments to plan, propose and seek approvals from both City of Toronto and Hydro One. Ongoing maintenance garden projects would be required by the community.

resources

- City of Toronto approval for use of space
- The City of Toronto and/or TRCA expertise in recommending optimal locations for planting, and species selection
- Approved plans for areas that can be become 'no mow' naturalized meadow zones
- Volunteers
- Donated plants, seeds and tools OR
- Funding to purchase required supplies

- Assurance that actions on individual properties will not violate any standing City of Toronto by-laws
- Informational resources and support available from City of Toronto and TRCA
- Support from landlords, property owners and fellow condo owners
- Donated time and commitment from apartment building tenants and condo owners

- City of Toronto and Hydro One approvals
- Funds for signage and planting
- City of Toronto expertise in recommending optimal locations for gardens
- Staff resources to implement the projects and assist community groups
- Ongoing maintenance resources
- Volunteers
- Electromagnetic Field (EMF) Management Plan to ensure appropriate placement and use of gardens

top priority neighbourhood greening projects Top priority projects selected from and illustrated on the Neighbourhood Greening Plan.

Trail Improvements



Location
Milliken Park, publicly owned.

Project
Trail mitigation, clean-up, solar lighting, discouraging off-trail activity.

Stewardship
Community with City of Toronto approvals.

Resources Needed
Volunteers, City of Toronto approvals, funding, technical expertise.

Green Links Between Parks and Green Space



Location
Boulevards (publicly owned) and front yards of residences and businesses.

Stewardship
Individual, and community with City of Toronto approvals.

Project
Native tree & shrub planting to create wildlife corridors and increase tree canopy.

Resources Needed
Individual initiatives and City street tree planting program with individual and community support.

Community Native Flower & Vegetable Gardens



Location
Milliken Park, publicly owned

Project
Developing and maintaining community native wildflower and vegetable gardens.

Stewardship
Community with City of Toronto approvals.

Resources Needed
Volunteers, City of Toronto approvals, funding, species selection expertise.

Reduce Paved Areas & Increase Soft Landscape



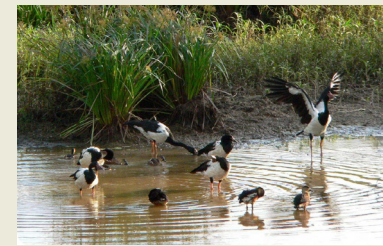
Location
Agnes MacPhail School.

Project
Increased naturalized areas can reduce runoff and provide wildlife habitats.

Stewardship
School community.

Resources Needed
Volunteers, funding, technical expertise, TDSB EcoSchools support.

Enhancing Wetland Areas



Location
Milliken Park, publicly owned.

Project
Enhancing wetland areas and riparian planting can improve habitats and stormwater management.

Stewardship
Community with City of Toronto approvals.

Resources Needed
Volunteers, City of Toronto approvals, expert advice on locations and species.

Demonstration / Teaching Projects



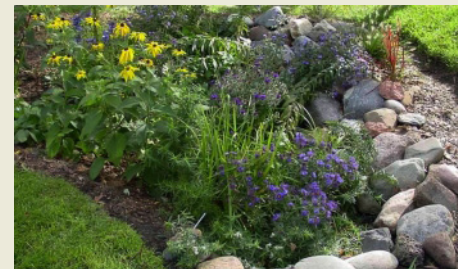
Location
Milliken Park, Goldhawk Park, Eco schools, community centres, places of worship.

Project
Demonstration gardens, composts, rain gardens, solar lighting, green roofs etc.

Stewardship
Community with City of Toronto approvals.

Resources Needed
Volunteers, City approvals for publicly owned land, technical expertise, signage and/or websites to publicize

Rain Gardens



Location
Privately-owned land and cul-de-sac medians.

Project
A depressed landscape, with specialized planting, & underdrainage reduces runoff.

Stewardship
Individual, and community/individual with City of Toronto approvals.

Resources Needed
Individual initiative, City of Toronto approvals for publicly owned land.

Permeable Paving



Location
Milliken Park parking lots.

Stewardship
City of Toronto or organizations.

Project
Permeable paving can increase rainwater infiltration and reduce runoff to waterbodies.

Resources Needed
Volunteers, City of Toronto approvals for publicly owned land, funds and materials.

Bioswales



Location
Edge of parking lots in Milliken Park, publicly owned.

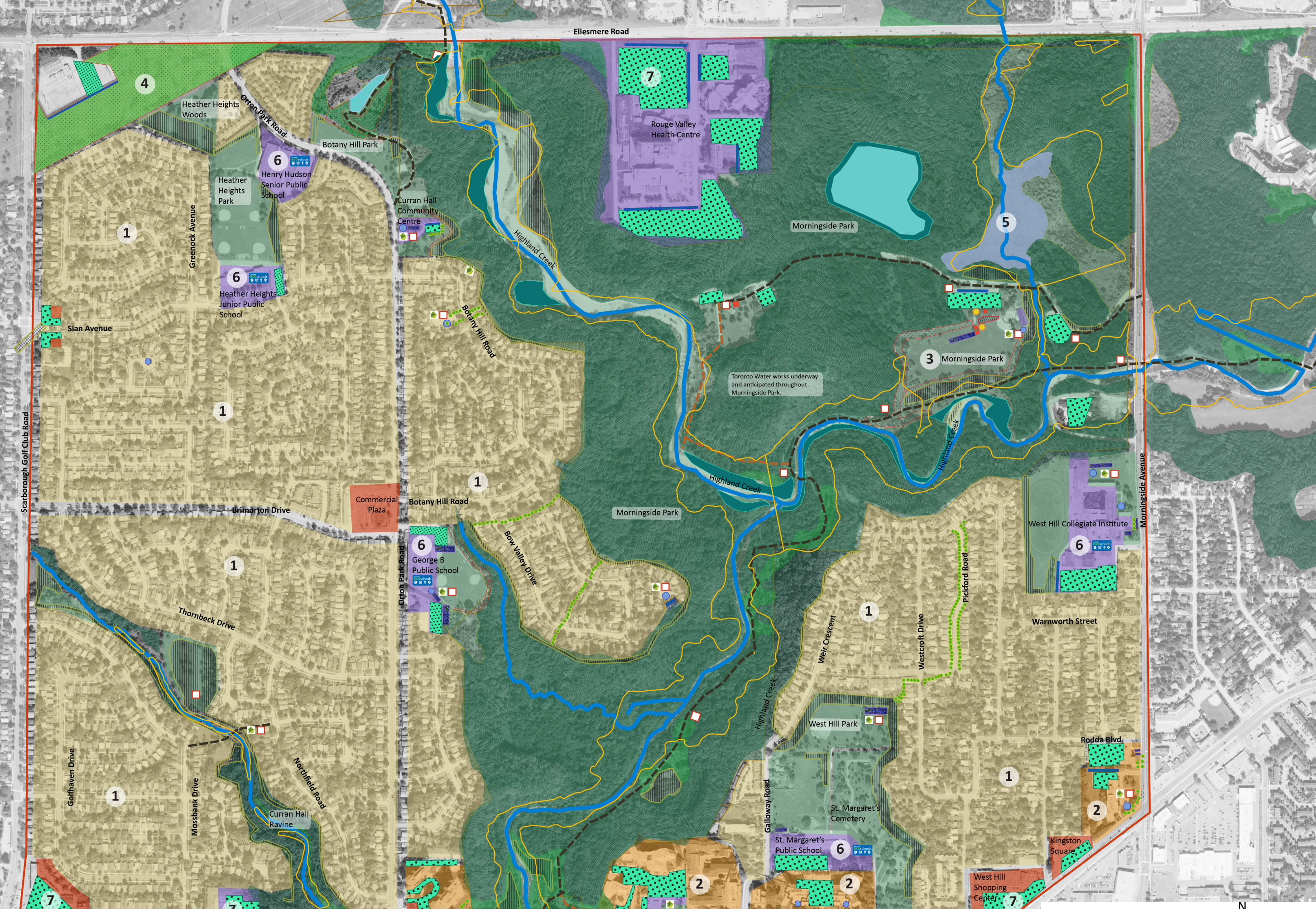
Project
Native seeding and riparian planting in depressed landscape to increase infiltration and reduce runoff.

Stewardship
Community with City of Toronto approvals.

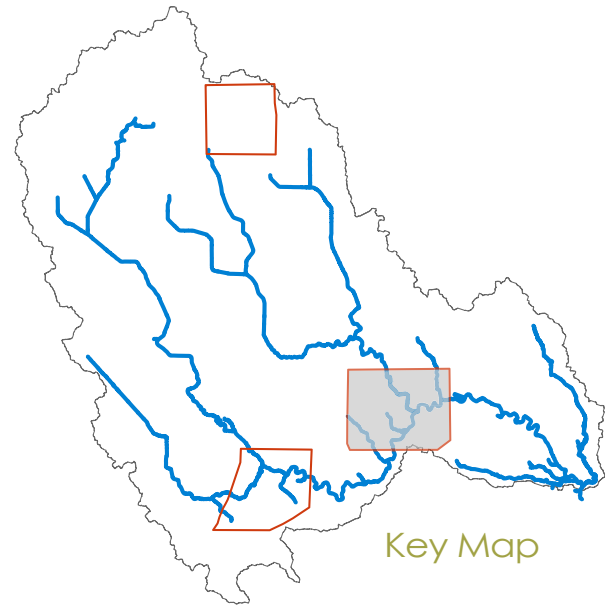
Resources Needed
Volunteers, City approvals for publicly owned land, species selection.

priority neighbourhood greening projects Other priority projects selected from and illustrated on the Neighbourhood Greening Plan.

morningside park



Morningside Park Neighbourhood Greening Plan



Existing Conditions Legend

- Highland Creek
- Floodline
- Trail
- Commercial Centre
- Institutional or Community Facility
- Residential Area
- High Density Residential
- Park & Green Space
- Hydro Corridor
- Forest
- Meadow
- Wetland
- Open Water

Opportunities Legend

- Greening Plan Boundary
- Native Tree Green Link
- Forest Enhancement
- Meadow Naturalization
- Riparian Planting
- Wetland Enhancement
- Community Native Wildflower Garden
- Community Vegetable Garden
- Rain Garden
- Eco-School Designation
- Dark Sky Compliant Solar Lighting
- Trail Extension or Improvement
- Demonstration/Teaching Project
- Signage
- Seating
- Permeable Paving
- Bioswale
- Infiltration Gallery

Notes:
Morningside Park is currently undergoing a City of Toronto Master Plan Update and a Sustainable Trails Master Plan.

The Morningside Park area will be assessed under the City's Emerald Ash Borer Management Plan.

Greening Actions Legend

What can **Green** do for **You**?
What can **You** do for **Green**?

1 Green Your House & Yard

- Disconnect your downspout
- Set up a rain barrel
- Construct a rain garden
- Contribute to forest enhancement with native, non-invasive trees and shrubs
- Install permeable paving in driveways
- Plant a garden for food and colour
- Select native and non-invasive plants for butterflies and birds
- Plant native trees to cool your home and reduce runoff
- Plant fruit trees for edible harvest
- Be a good neighbour to adjacent natural areas by planting native, non-invasive plants
- Undertake a green home audit
- Identify retrofits to reduce water and energy use & save money
- Install solar panels where feasible

2 Green Your Apartment

- Grow a balcony garden for food and colour
- Start a community garden
- Plant trees to cool and clean the air & reduce stormwater runoff
- Install permeable paving in driveways and parking lots
- Construct a green roof where feasible
- Install solar panels where feasible
- Turn off lights to save energy and money
- Pick up litter

3 Green Your Park

- Don't dump in the ravine
- Volunteer to help plant or clean up
- Plant a community flower and vegetable garden
- Plant native, non-invasive trees to increase the urban tree canopy, cool and clean the air and absorb stormwater
- Plant native, non-invasive trees and shrubs to enhance connectivity between natural areas for wildlife
- Pick up litter

4 Green Your Hydro Corridor

- Plant native shrubs for terrestrial habitat improvement and connectivity
- Naturalize the corridor with native meadow planting
- Incorporate informational and wayfinding signage
- Plant community native wildflower and vegetable gardens

5 Green Your Stream

- Protect the water from pollution – stoop and scoop!
- Don't dump in the stream
- Don't release pet turtles, pet fish or fishing bait into the stream
- Garden organically without chemicals
- Plant along the streambanks to provide habitats.
- Volunteer to help plant or clean up along the stream banks

6 Green Your School

- Reduce paved areas to promote infiltration
- Install permeable paving in driveways and parking lots
- Plant native trees and shrubs for shade & to reduce runoff
- Start a native wildflower community garden featuring spring & fall blooms
- Become an Eco School or continue to develop Eco School programming
- Collaborate with nearby schools to initiate community greening projects
- Install solar panels where feasible
- Construct a green roof where feasible

7 Green Your Street & Driveway

- Plant native, urban environment tolerant trees to shade and reduce urban heat island effect
- Make paved areas as small as possible
- Replace asphalt driveways and parking lots with permeable paving
- Use less road salt or no salt to protect our creeks and lakes
- Pick up litter

Morningside Park Greening Initiatives



School Greening Initiatives & Links between Eco Schools



Forest Enhancement Planting



location

Publicly Owned

Morningside Park is publicly owned land, so any greening initiatives or demonstration/teaching projects must first receive approval from the City of Toronto.

School Grounds and Private Properties

School grounds are owned by the school boards, and thus any greening initiatives must first receive approval from the school board. Individual property owners are permitted to plant their yards within the guidelines of applicable City by-laws.

Publicly Owned

Parks and ravines are owned by the City of Toronto and TRCA, and any projects must first receive approvals from the City of Toronto.

Private

Private residential and commercial properties, especially those adjacent to ravines.

project

Planting

Forest enhancement planting, meadow naturalization, reducing hard surfaces and creating community wildflower and vegetable gardens can help to increase rainwater infiltration, provide terrestrial and aquatic wildlife habitats and reduce maintenance costs associated with maintaining manicured lawns. These initiatives can also contribute to the biodiversity of the Park. Planting native riparian species adjacent to creek to clean water and provide habitat.

Awareness

Various greening initiatives can also serve as demonstration and teaching projects that can educate the community on maintaining the health of the watershed.

Planting

Community flower and vegetable gardens, featuring spring and fall blooms and harvests, may be initiated and maintained by students with teacher/parent leadership. Forest enhancement planting in school yards can also increase the urban canopy and provide wildlife habitats.

Rainwater Management

Rain gardens, the reduction of hard surfaces, and permeable paving in school parking lots can help to increase infiltration and reduce runoff.

Awareness

These projects can educate students and the school community about different ecosystems and the value of the watershed.

Planting

Forest enhancement includes understory planting, woodlot buffer planting, and native tree and shrub planting in parks and private properties, especially near ravines. These actions can protect established woodlots, increase the urban tree canopy and provide terrestrial wildlife habitats and increased connectivity. Naturalized meadow seeding and a 'no mow' zone surrounding woodlots can further improve their health and ensure their protection. Planting native riparian species adjacent to the Creek will help to clean the water and will provide wildlife habitats.

stewardship

Community Stewardship

Greening projects can be initiated and maintained by active groups of community members. Community gardens can involve ongoing community responsibility for use and maintenance. The City of Toronto will need to be involved at the onset of these projects to approve the proposed projects, locations and sizes of the planting areas and demonstration projects.

Community Stewardship

Students, teachers, administrators and parents are encouraged to initiate greening projects on school grounds, with approval from the school board.

Individual Stewardship

Individual property owners can plant native trees and shrubs in their yards to enhance the green links between schools.

Community

Forest enhancement projects on parklands can be initiated by community groups, with the approval and support of the City of Toronto.

Individual

Private property owners, especially those adjacent to ravines, are encouraged to engage in forest enhancement initiatives while abiding by City of Toronto By-laws. Individual stewardship will enhance urban tree canopy and nearby forests and raise community awareness of the connection between individual land uses and ravine ecosystems.

resources

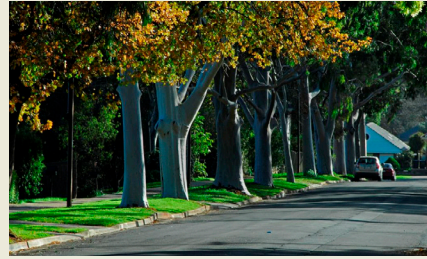
- City of Toronto approval of projects
- Expertise in recommending optimal locations for planting, and species selection
- Approved plans for all projects
- Donated plants, seeds and equipment and/or funding
- Signage, website and other means to publicize the projects as demonstration/teaching sites

- Approval from school boards for greening projects on school yards
- Commitment from teachers and/or parents to lead greening projects
- Volunteer students, community members and staff to initiate and maintain gardens
- Funding (schools can contact TDSB and TRCA for ideas on how to generate funds)
- Expertise in plant selection
- Professional technical assessment of viability of permeable paving and for paving construction detail guidance

- City of Toronto approvals for parkland forest enhancements
- Volunteers
- Professional expertise in recommending optimal locations for forest enhancement, and species selection
- Ongoing maintenance resources
- City of Toronto street tree planting program
- Funds for private property planting activities

top priority neighbourhood greening projects Top priority projects selected from and illustrated on the Neighbourhood Greening Plan.

Green Links Between Parks and Green Space



Location
Boulevards, publicly owned.
Front and back yards, privately owned.

Stewardship
Community with City of Toronto approvals.

Project
Planting native trees and shrubs to provide wildlife corridors between parks.

Resources Needed
Individual initiatives and City street tree planting program with individual and community support.

Curran Hall Community Centre Greening



Location
Curran Hall Community Centre, publicly owned.

Stewardship
Community with City of Toronto approvals.

Project
Native tree & shrub planting, community gardens, rain gardens, permeable paving, rain-barrels.

Resources Needed
Volunteers, funds, City approvals, Curran Hall Community Association involvement.

Demonstration / Teaching Projects



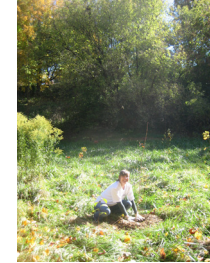
Location
Morningside Park, publicly owned.
Schools, owned by school boards, East Scarborough Storefront.

Stewardship
Community with City of Toronto approvals.

Project
Permeable paving, rain gardens, native planting, green roofs, rain water harvesting, solar panels demonstrations and workshops.

Resources Needed
Volunteers, City of Toronto approvals, funding, species selection expertise.

Meadow Naturalization and Forest Enhancement



Location
Botany Hill Park, publicly owned.

Stewardship
Community with City of Toronto approvals.

Project
Understory planting, woodlot buffer planting and meadow naturalization seeding.

Resources Needed
Volunteers, City approvals, expertise in species selection, funding.

High Rise Residential Greening



Location
Private residential property, owned by landlord.

Stewardship
High rise tenant community, with property owner approval.

Project
Forest enhancement, community wildflower and vegetable gardens, balcony planting, green roofs, solar panels, greening retrofits and permeable paving.

Resources Needed
Volunteer residents, property owner approval, funding, information.

Green Home Retrofit Demonstration Project



Location
Morningside Park, publicly owned.

Stewardship
City of Toronto and/or TRCA.

Project
Using an existing or new structure in the park to demonstrate green retrofits, such as solar panels and rain barrels.

Resources Needed
Funds, City approvals, expertise in green home retrofits.

Native Tree Planting



Location
Private property (residential and commercial).

Stewardship
Individual.

Project
Planting native trees can increase the urban tree canopy, provide habitats and connectivity.

Resources Needed
Funding, information about species selection.

Ravine Access from Lawrence Avenue



Location
Morningside Park, publicly owned.

Stewardship
Community with City of Toronto approvals.

Project
Improve and formalize trail access from Lawrence Avenue and CAPREIT buildings to ravine.

Resources Needed
Volunteers City approvals, funds, expertise in sustainable trail design and management.

Food Focused Greening



Location
Parks, schools and community centres high rise residential grounds.

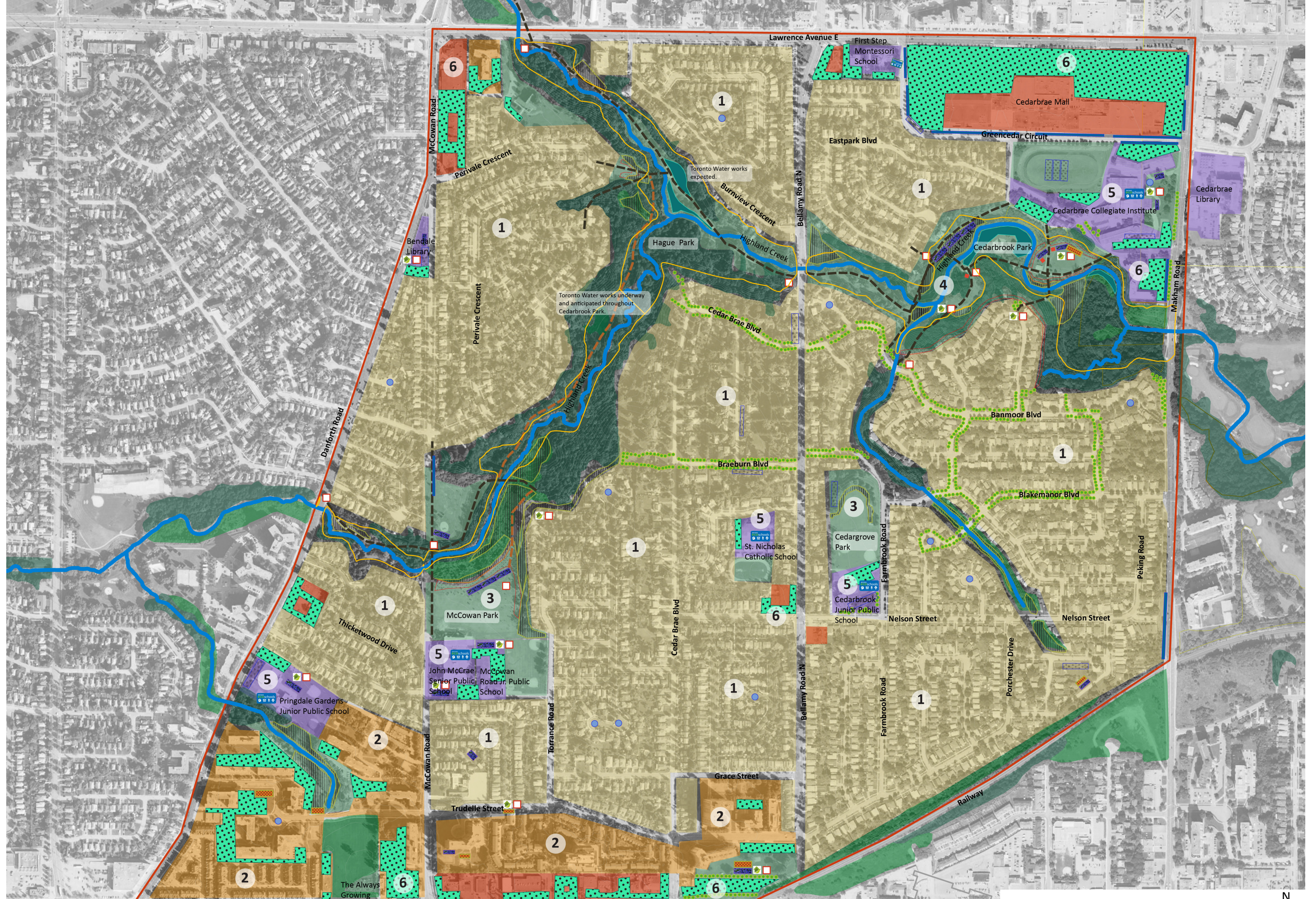
Stewardship
Community, with City of Toronto approvals.

Project
Farmers' Market in high rise parking lots, school parking lots, parks; community vegetable gardens.

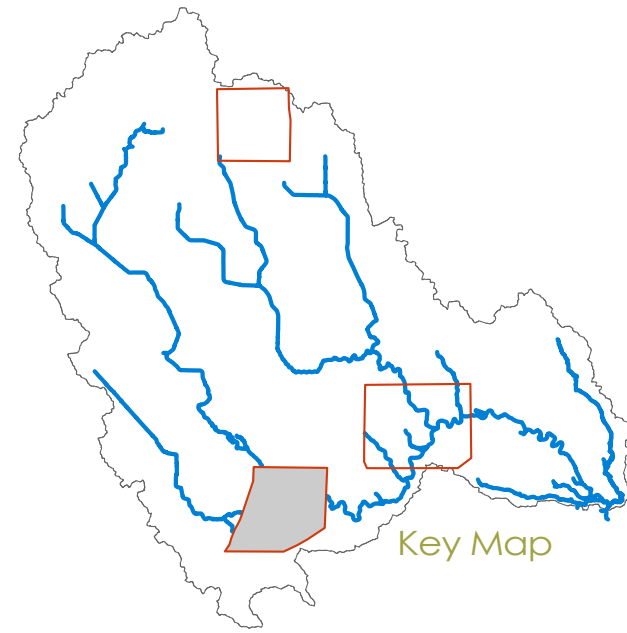
Resources Needed
Volunteers, funding, interested farmers, City approvals, urban agriculture information.

priority neighbourhood greening projects Other priority projects selected from and illustrated on the Neighbourhood Greening Plan.

Cedarbrook park



Cedarbrook Park Neighbourhood Greening Plan



Existing Conditions Legend

- Highland Creek
- Floodline
- Trail
- Commercial Centre
- Institutional or Community Facility
- Residential Area
- High Density Residential
- Park & Green Space
- Hydro Corridor
- Forest
- Meadow
- Wetland
- Open Water

Opportunities Legend

- Greening Plan Boundary
- Native Tree Green Link
- Forest Enhancement
- Meadow Naturalization
- Riparian Planting
- Wetland Enhancement
- Community Native Wildflower Garden
- Community Vegetable Garden
- Rain Garden
- Eco-School Designation
- Dark Sky Compliant Solar Lighting
- Trail Extension or Improvement
- Demonstration/Teaching Project
- Signage
- Seating
- Permeable Paving
- Bioswale
- Infiltration Gallery

Notes:
The Cedarbrook Park area will be assessed under the City's Emerald Ash Borer Management Plan.

Greening Actions Legend

What can **Green** do for **You**?
What can **You** do for **Green**?

1 Green Your House & Yard

- Disconnect your downspout
- Set up a rain barrel
- Construct a rain garden
- Contribute to forest enhancement with native, non-invasive trees and shrubs
- Install permeable paving in driveways
- Plant a garden for food and colour
- Select native and non-invasive plants for butterflies and birds
- Plant native trees to cool your home and reduce runoff
- Plant fruit trees for edible harvest
- Be a good neighbour to adjacent natural areas by planting native, non-invasive plants
- Undertake a green home audit
- Identify retrofits to reduce water and energy use & save money
- Install solar panels where feasible

2 Green Your Apartment

- Grow a balcony garden for food and colour
- Start a community garden
- Plant trees to cool and clean the air & reduce stormwater runoff
- Install permeable paving in driveways and parking lots
- Construct a green roof where feasible
- Install solar panels where feasible
- Turn off lights to save energy and money
- Pick up litter

3 Green Your Park

- Don't dump in the ravine
- Volunteer to help plant or clean up
- Plant a community flower and vegetable garden
- Plant native, non-invasive trees to increase the urban tree canopy, cool and clean the air and absorb stormwater
- Plant native, non-invasive trees and shrubs to enhance connectivity between natural areas for wildlife
- Pick up litter

4 Green Your Stream

- Protect the water from pollution – stoop and scoop!
- Don't dump in the stream
- Don't release pet turtles, pet fish or fishing bait into the stream
- Garden organically without chemicals
- Plant along the streambanks to provide habitats.
- Volunteer to help plant or clean up along the stream banks

5 Green Your School

- Reduce paved areas to promote infiltration
- Install permeable paving in driveways and parking lots
- Plant native trees and shrubs for shade & to reduce runoff
- Start a native wildflower community garden featuring spring & fall blooms
- Become an Eco School or continue to develop Eco School programming
- Collaborate with nearby schools to initiate community greening projects
- Install solar panels where feasible
- Construct a green roof where feasible

6 Green Your Street & Driveway

- Plant native, urban environment tolerant trees to shade and reduce urban heat island effect
- Make paved areas as small as possible
- Replace asphalt driveways and parking lots with permeable paving
- Use less road salt or no salt to protect our creeks and lakes
- Pick up litter

Greening of Residential Properties



Greening of Schools



Greening of Libraries



location

Houses, Apartment Buildings and Condos

Individual home owners have the ability to initiate greening activities on their own properties. Condo owners must receive approval from fellow homeowners in their respective buildings. House and apartment renters must receive approval from their landlords before initiating any greening projects that alter the property.

Publicly Owned

School yards operate under the jurisdiction of school boards, and approvals for greening projects must be sought out from school boards prior to installation.

Publicly Owned

Public libraries, such as Bendale Library, are publicly owned facilities, and therefore approvals must be given by the Toronto Public Library Board prior to installation.

project

Planting

Individual or community flower and vegetable gardens, rooftop gardens on apartment buildings, enhancing the urban tree canopy with native trees, increasing permeable landscaping, and planting balcony gardens.

Rainwater Management

Disconnecting downspouts on individual homes, planting rain gardens, using rain barrels, and using permeable paving on private driveways and communal parking lots.

Energy

Using energy-efficient indoor and outdoor lights and appliances and installing solar panels on the rooftops of individual homes and apartment buildings.

Planting

Community flower and vegetable gardens, featuring spring and fall blooms and harvests, may be initiated and maintained by students with teacher/parent leadership. Forest enhancement planting in school yards can also increase the urban canopy and provide wildlife habitats.

Rainwater Management

Rain barrels, rain gardens, the reduction of hard surfaces, and permeable paving in school parking lots can help to increase infiltration and reduce runoff to creeks.

Awareness

These projects can educate students and the school community on the value of the watershed.

Planting

Forest enhancement, meadow naturalization and increasing soft surfaces can provide more habitats for wildlife, connectivity, and increase water infiltration.

Rainwater Management

Rain barrels, rain gardens, the reduction of hard surfaces, and permeable paving in library parking lots can help to increase infiltration and reduce runoff.

Awareness

As libraries are highly-trafficked community spaces, these projects have the ability to provide valuable community educational opportunities. Libraries are also optimal sites for demonstration projects and greening workshops.

stewardship

Individual Stewardship

Individual homeowners are responsible for initiating these greening projects and funding the necessary tools and materials.

Community Stewardship

Condo owners must work together to initiate greening activities in communal areas (such as greenroofs, rooftop gardens, and permeable paving on parking lots). Tenants in apartment buildings should also work together, along with their landlords, to complete greening projects that will alter their rented properties.

Community Stewardship

Students, teachers, administrators and parents are encouraged to initiate greening projects on school grounds, with approval from the school board.

Individual Stewardship

Individual property owners can plant native trees and shrubs in their yards support stormwater infiltration and provide wildlife habitats for areas between schools.

Community Stewardship

Community members interested in initiating greening activities will have to first receive approvals from the Toronto Public Library Board prior to installation.

resources

- Assurance that actions on individual properties will not violate any standing City of Toronto by-laws
- Informational resources and support available from City of Toronto and TRCA
- Support from landlords, property owners and fellow condo owners
- Donated time and commitment from apartment building tenants and condo owners

- Approval from school boards for greening projects on school yards
- Commitment from teachers and/or parents to lead greening projects
- Volunteer students and community members to initiate and maintain gardens
- Funding (schools can contact TDSB EcoSchools program and TRCA for ideas on how to generate funds)
- Expertise in plant selection

- City of Toronto approvals
- Volunteers
- Funds
- Professional expertise in recommending optimal locations and species
- Ongoing maintenance resources
- Signage and access to websites and other media to publicize demonstration projects

top priority neighbourhood greening projects Top priority projects selected from and illustrated on the Neighbourhood Greening Plan.

Community Wildflower & Vegetable Gardens



Location
Cedarbrook Park, publicly owned.

Project
Community wildflower and vegetable gardens for biodiversity and urban harvest.

Stewardship
Community with City of Toronto approvals.

Resources Needed
Volunteers, City approvals, species selection, funds.

Improve Trail Connections



Location
Within and to Cedarbrook Park, publicly owned.

Project
Improve conditions and accessibility, link dead-end trails, link McCowan Park to Cedarbrook Park Trail.

Stewardship
Community with City of Toronto approvals and resources.

Resources Needed
Volunteers, City of Toronto approvals, funding, equipment and machinery.

Riparian Planting along Highland Creek



Location
Highland Creek, publicly owned.

Project
Planting native riparian species adjacent to creek to clean water and provide habitat.

Stewardship
Community with City approvals.

Resources Needed
Volunteers, City approvals, funds, expertise in species selection.

Food Focused Greening to Engage Communities



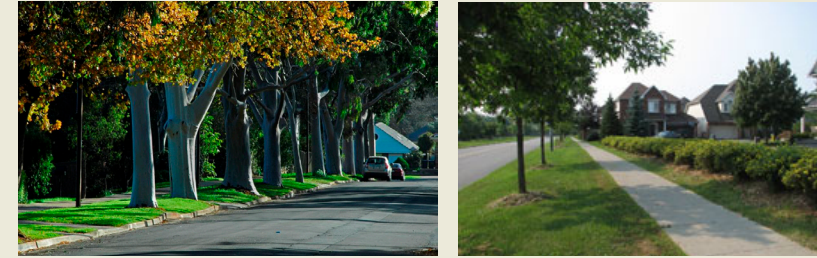
Location
Parks, schools and community centres.

Project
Farmers' Market at Cedarbrae Collegiate or parking lots of high rises, community vegetable gardens.

Stewardship
Community, with City of Toronto approvals.

Resources Needed
Volunteers, funding, interested farmers, City approvals.

Green Links Tree Planting



Location
Boulevards, publicly owned.
Front and back yards, privately owned.

Project
Planting native trees and shrubs to provide wildlife corridors between parks.

Stewardship
Individual on private lands, community with support from City planting programs.

Resources Needed
Volunteers, City approvals, funding, City of Toronto Street Tree Planting Program.

Engage Commercial Property Owners in Greening



Location
Commercial properties, privately owned.

Project
Permeable paving, reducing hard surfaces, forest enhancement, green roofs, solar panels.

Stewardship
Property owners.

Resources Needed
Commitment from property owners, City approvals, funding.

Workshops and Symposiums about Greening



Location
Community centres, schools, public parks.

Project
Workshops on greening initiatives, how to become involved, and importance of watershed.

Stewardship
Community with TRCA/City support.

Resources Needed
Volunteers, TRCA/City staff resources and expertise.

Forest Enhancement & Meadow Naturalization



Location
McCowan Park, publicly owned.

Project
Buffer planting, understorey planting, meadow naturalization seeding.

Stewardship
Community with City approvals.

Resources Needed
Volunteers, City approvals, funds, professional species selection.

Native Wildflower Garden Demonstration Project



Location
McCowan Park or Cedarbrook Park, publicly owned.

Project
Native demonstration garden to teach the community about native species and benefits.

Stewardship
Community with City approvals and staff resources.

Resources Needed
Volunteers, City approvals, professional species selection.

priority neighbourhood greening projects Other priority projects selected from and illustrated on the Neighbourhood Greening Plan.

How to Take Action on Greening Projects in Your Neighbourhood

There are many opportunities for you to participate in greening activities in your neighbourhood, or initiate your own greening projects. The City of Toronto and Toronto and Region Conservation (TRCA) have many resources available online and in-print, and staff are available to answer your questions and provide information to help you take action.

Please visit:

www.trca.on.ca, or phone **416-661-6600**, or email highlandcreek@trca.on.ca

and

www.toronto.ca/greentoronto, or phone **311**, or email greentoronto@toronto.ca

and

www.toronto.ca/water, or phone **311**, or email 311@toronto.ca

Note: Different projects may require different levels of approvals and professional assessments.

We would like to acknowledge the support and dedication of project partners:

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Toronto ACORN
Centennial College Environmental Student Society
Live Green Toronto
East Scarborough Storefront
TCEL Toronto Chinese for Ecological Living
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The **Planning** Partnership
Plan **B** Natural Heritage
SCS Consulting Ltd.



Highland Creek
Watershed

TORONTO AND REGION
Conservation
for The Living City