



ODELL KILLARNEY

PARK MANAGEMENT PLANS

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Planning & Development

Fredericton



Municipal Plan: Community Goal

"green & healthy"

- Valued and significant natural features will be protected
- The City will contain diversity of parks that celebrate nature and encourage a range of indoor and outdoor activities that can be enjoyed in all seasons
- To increase tree canopy

Imagine Fredericton:
The Municipal Plan



Fredericton
Fredericton.ca/ImagineFredericton



today.....

- What are our parks
- What is a management plan
- What did residents tell us about our parks
- How do we manage park(s) evolution within the desired activity and sustainability contexts
- What is the go forward plan

It is recommended that the Community Services Committee receive the Odell Park and Killarney Lake Management Plan and that the plans be made available for Council and public review until February 28, 2020.



Fredericton **Killarney Lake Park** 654 Ha

The map shows the city of Fredericton with the Saint John River flowing through it. Killarney Lake Park is a large green-shaded area in the upper right, adjacent to the river. Odell Park is a smaller green-shaded area in the lower left, also near the river. The river is depicted in blue with a black outline. The city area is shown in light grey with street lines. The word 'Fredericton' is written in a stylized font in the bottom right corner.

Fredericton **Odell Park** 160 Ha

Fredericton



Calgary **Bowness Park** 30 Ha



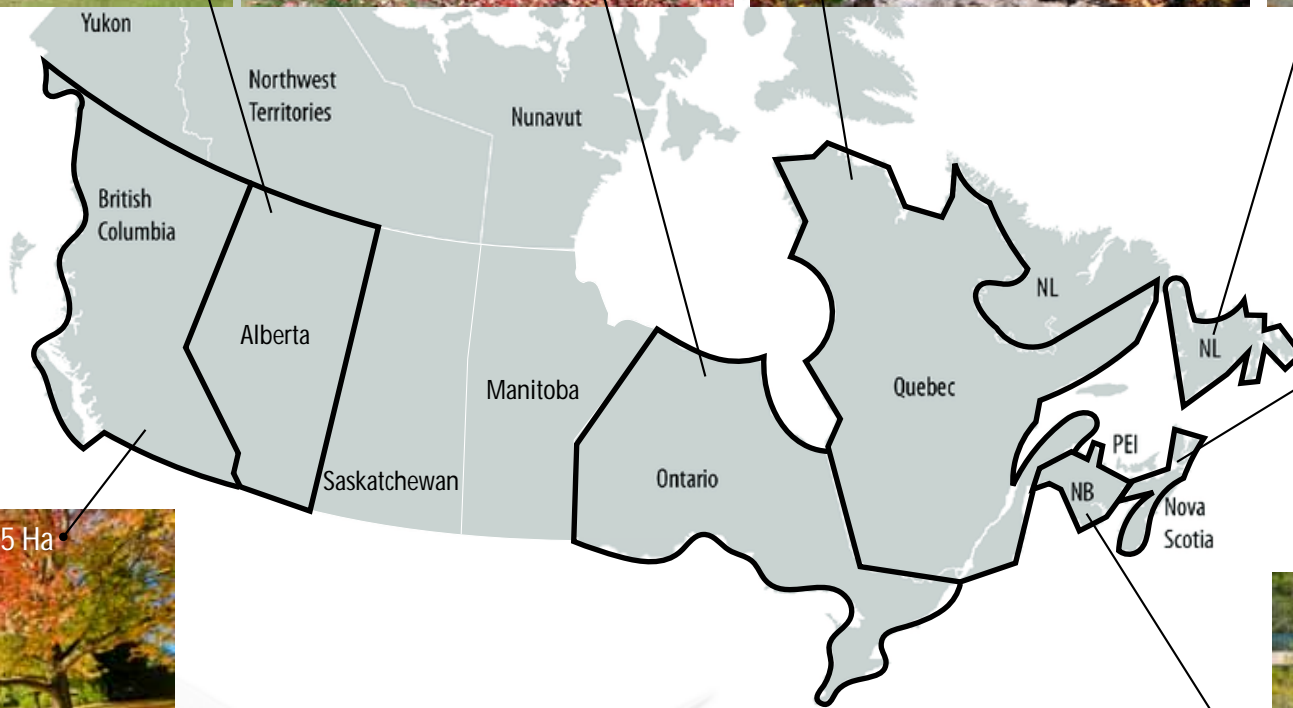
Toronto **High Park** 161 Ha



Montreal **Mount Royal Park** 280 Ha



St. John's **Bowring Park** 81 Ha



Vancouver **Stanley Park** 405 Ha



Halifax **Point Pleasant Park** 75 Ha



Saint John **Rookwood Park** 890 Ha



Saint John **Rookwood Park** 890 Ha

Fredericton **Killarney Lake Park** 654 Ha

Vancouver **Stanley Park** 405 Ha

Montreal **Mount Royal Park** 280 Ha

Toronto **High Park** 161 Ha

Fredericton **Odell Park** 160 Ha

St. John's **Bowring Park** 81 Ha

Halifax **Point Pleasant Park** 75 Ha

Calgary **Bowness Park** 30 Ha

Fredericton



Fredericton **Killarney Lake Park** 654 Ha

The map shows the city of Fredericton with the Saint John River flowing through it. Two parks are highlighted in dark green with white outlines. Killarney Lake Park is a large, irregularly shaped area in the upper right, adjacent to the river. Odell Park is a smaller, more compact area in the lower left, also near the river. White lines connect the text labels to their respective park areas on the map.

Fredericton **Odell Park** 160 Ha



Regional Parks
Odell & Killarney



Municipal Parks
Wilmot & Carleton



Neighbourhood Parks
High Point Ridge



Parkette
Cherry Avenue

Fredericton



Fredericton **Killarney Lake Park** 654 Ha



Fredericton **Odell Park** 160 Ha



Fredericton

Fredericton Killarney Lake Park 654 Ha

Killarney Lake Master Plan -
mission accomplished to acquire
land to create a park that relieves
pressure on Odell Park

Walking
Cycling
Orienteering
XC Skiing
Biking
Swimming
Play

1940

City purchased the
land from Odell
family

1954

Odell becomes a
public park

1958

Fire destroys
homestead at the
present-day lodge

1985

Today

Disc golf
Running
Walking
Biking
Bird Watching
Nature Tours
Play Picnic

Fredericton **Odell Park** 160 Ha



Fredericton **Killarney Lake Park** 654 Ha



Fredericton **Odell Park** 160 Ha



Fredericton

What is a.....

PARK MANAGEMENT PLAN



GOALS

1. Set the framework for the evolution of two regional parks
2. Guide future decisions, key projects & investments under a common vision

OBJECTIVES

1. Address conflict arising from increased visitation and use
2. Address increased stress on important habitat
3. Address aging infrastructure challenges
4. Propose plans to manage resources and use

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- ☐ What is the go forward plan



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What did residents tell us about our parks

Fredericton



What did residents tell us about our parks

October 2017 Open House
Fredericton



The plan is rooted in the goal of achieving the right balance between ecology and recreation. What we build, the way people move and what we learn about the park all grow from there.

Roots of the Plan



Odell Park Management Plan & Killarney Lake Park Management Plan

An aerial photograph of Odell Park, showing a large green lawn, numerous trees, and a building in the foreground. The text "Odell Park Management Plan" is overlaid on the left side of the image.

Odell Park Management Plan

An aerial photograph of a park area, showing a dense forest of green trees. In the lower-left corner, a building with a dark roof is visible. The overall scene is captured from a high angle, looking down on the landscape.

Big Challenges:

- Conflict of use
- Unplanned main entry
- Invasive Pests
- Effects of climate change
- Signage & way finding

Big Opportunities:

- Enhance our relationship with St. Mary's First Nation and other Wolastoqiyik communities
- Tremendous potential to promote nature
- Improve park entrance and maintenance areas
- To enhance and develop partnerships
- To create a **management strategy** that results in a sustainable multi-use park environment

An aerial photograph of a dense forest serves as the background. Overlaid on this is a large rectangle divided diagonally from the top-left to the bottom-right. The upper-left triangle is yellow, and the lower-right triangle is green. The text 'Ecology / Nature' is in yellow on the green background, '&' is in white in the center, and 'Recreation/People' is in green on the yellow background.

Ecology / Nature

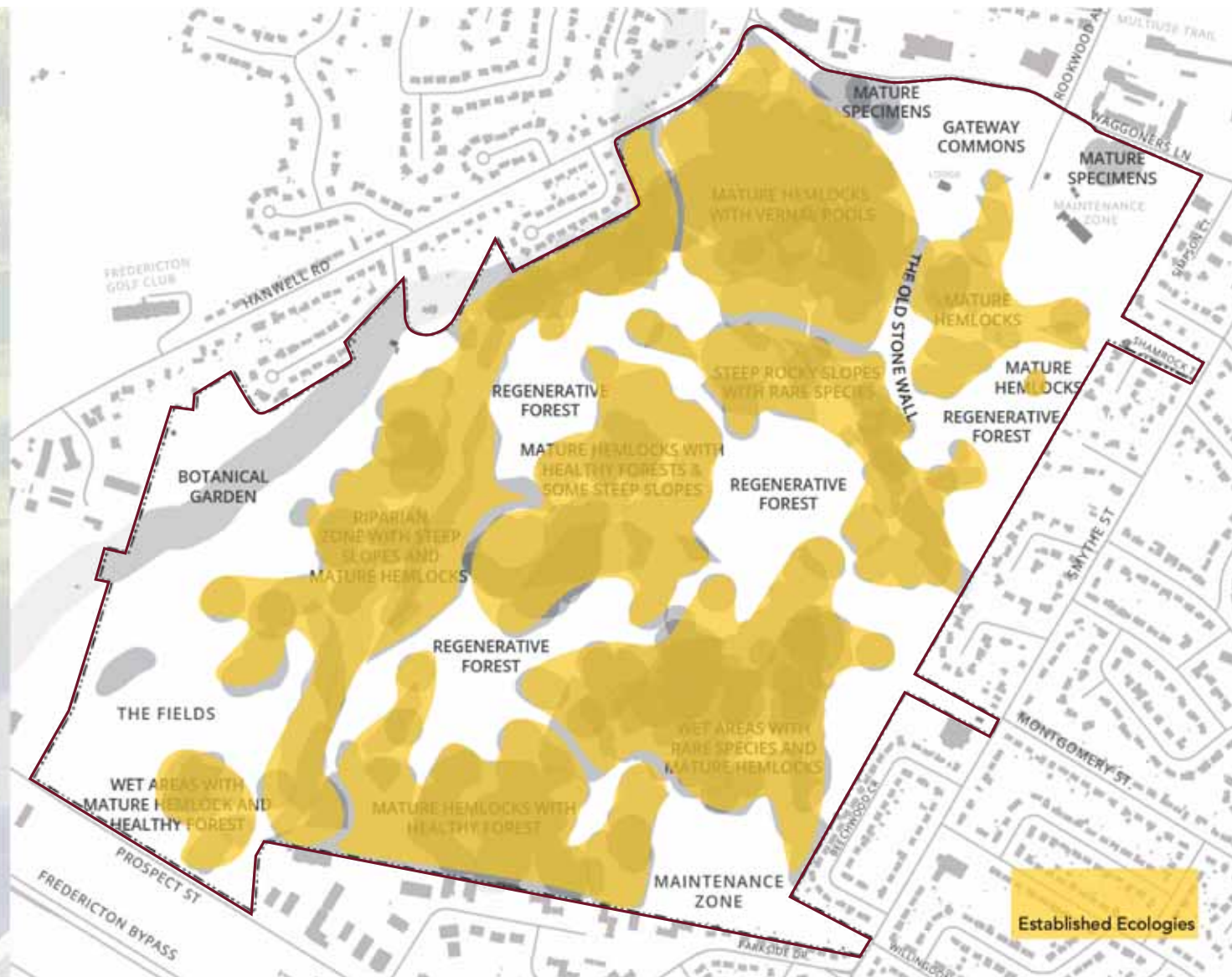
&

Recreation/People

management strategy - accommodating ecology & recreation to foster sustainability

Ecologies in Odell Park

- Mature hemlocks
- Wet areas
- Brooks



Management Zones Odell Park



Conservation Zone = 61 ha



Natural Environment Zone
77.9 ha



Recreation Zone = 23.4 ha





Management Zones Odell Park

Upland and Lowland Regenerative Woodland

Characteristics

Area was formerly logged and forest succession is in progress to varying degrees

Upland areas are represented with more hardwood species

Lowland areas are typically mixed forest species with more low oxygen and moisture tolerant species

Objective

Allow the woodland to continue natural succession and regeneration

Sensitively place new trails for human enjoyment

Management Zones

Odell Park

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Key Management Items

Monitor species composition

In areas of lowest ecological function, consider selective planting to accelerate successional ecology of native vegetation, in combination with invasive species removal

Re-assess area in 20 years for potential patches to reassign, as capacity allows, to Conservation zone

Succession

The process of biological communities evolving over time is succession. In a forest, there are certain plants that specialize in colonizing bare ground, followed by those that are specialized for intermediate stages because they out-compete the colonizers. Lastly are climax species, which, if left undisturbed, will dominate the forest in perpetuity.

Management Zones

Odell Park

Use	 CONSERVATION	 NATURAL ENVIRONMENT	 RECREATION
Walking trails	✓	✓	✓
Ecological & cultural heritage interpretation	✓	✓	✓
Wildlife viewing	✓	✓	✓
Biking	*	✓	✓
Skiing (informal, ungroomed)	✓	✓	✓
Snowshoeing	✓	✓	✓
Hiking	✓	✓	✓
Trail Running	✓	✓	✓
Trail heads			✓
Disc golf			✓
Parking			✓
Children's Play Area			✓
Sports Fields			✓
Picnic shelter			✓
Lodge			✓
BBQ stations			✓
Washroom			✓
Maintenance Yard			✓

Circulation Plan Odell Park



Multi-use Trail, 1.2-5.0m



Multi-use Trail (Single Track Bike) 0.5-1.0m

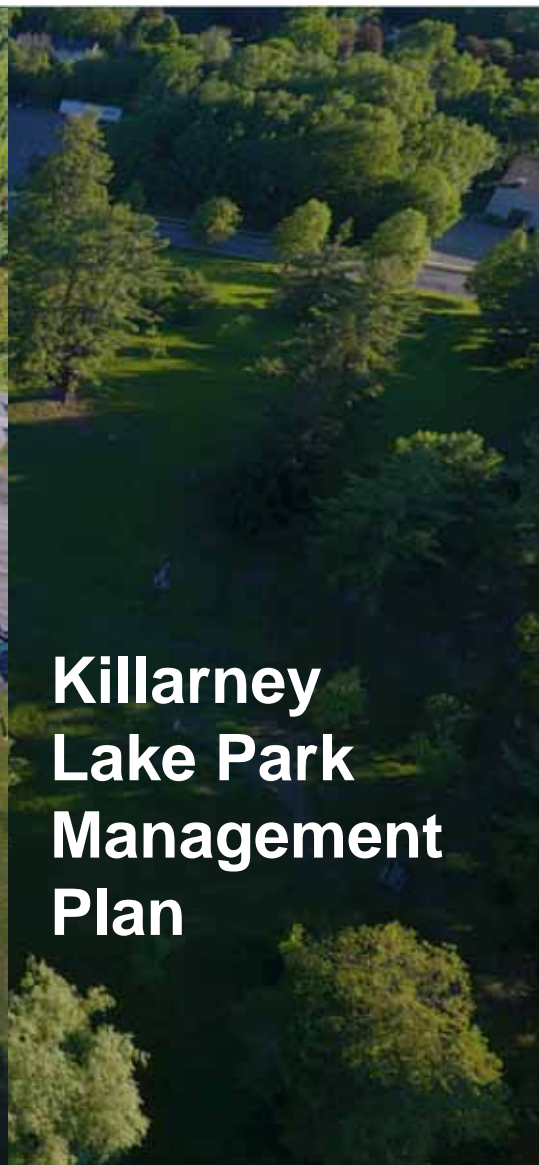




Circulation Plan - Existing



Circulation Plan - Proposed



Killarney Lake Park Management Plan

The background is a dark aerial photograph of a forest. Overlaid on this is a large rectangle divided diagonally from the top-left to the bottom-right. The upper-left triangle is yellow, and the lower-right triangle is green. The text 'Ecology / Nature' is in yellow on the green background, '&' is white in the center, and 'Recreation/People' is in green on the yellow background.

Ecology / Nature

&

Recreation/People

management strategy

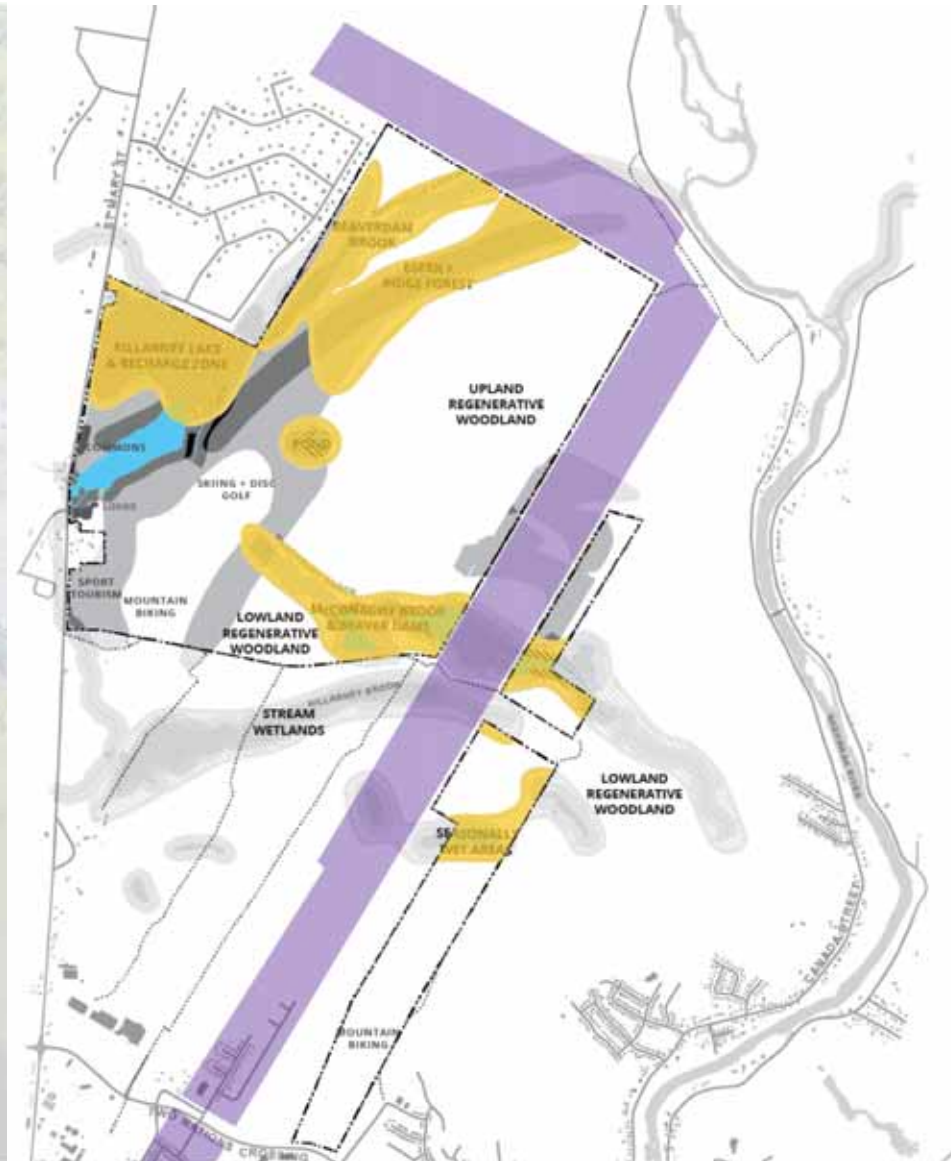
Ecologies Killarney Lake Park

- Lake
- Esker & Ridge Forest
- Brooks
- Wetlands

Established Ecologies

St. Mary's First Nation

Waterbodies
(streams, lakes, wetlands)



Management Zones Killarney Lake Park



Conservation Zone = 160 ha



Sport Tourism Zone = 3 ha



Natural Environment Zone = 327 ha



Recreation Zone = 155 ha



Management Zones Killarney Lake Park

Upland and Lowland Regenerative Woodland

Characteristics

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Management Zones Killarney Lake Park

Use	 CONSERVATION	 NATURAL ENVIRONMENT	 RECREATION	 SPORT TOURISM
Walking trails	✓	✓	✓	✓
Ecological & cultural heritage interpretation	✓	✓	✓	✓
Wildlife viewing	✓	✓	✓	
Biking	*	✓	✓	✓
Skiing (informal, ungroomed)	✓	✓	✓	✓
Skiing (groomed trails)			✓	✓
Snowshoeing	✓	✓	✓	✓
Hiking	✓	✓	✓	✓
Trail running	✓	✓	✓	✓
Trail heads			✓	✓
Disc golf			✓	✓
Parking			✓	✓
Children's play area			✓	
Sports fields			✓	✓
Picnic shelter			✓	
Lodge			✓	✓
BBQ stations			✓	
Washroom			✓	✓
Maintenance yard			✓	✓

Management Zones Killarney Lake Park



Multi-use Trail, 1.2-5.0m

Multi-use Ski Trail, 16.0-12.0m



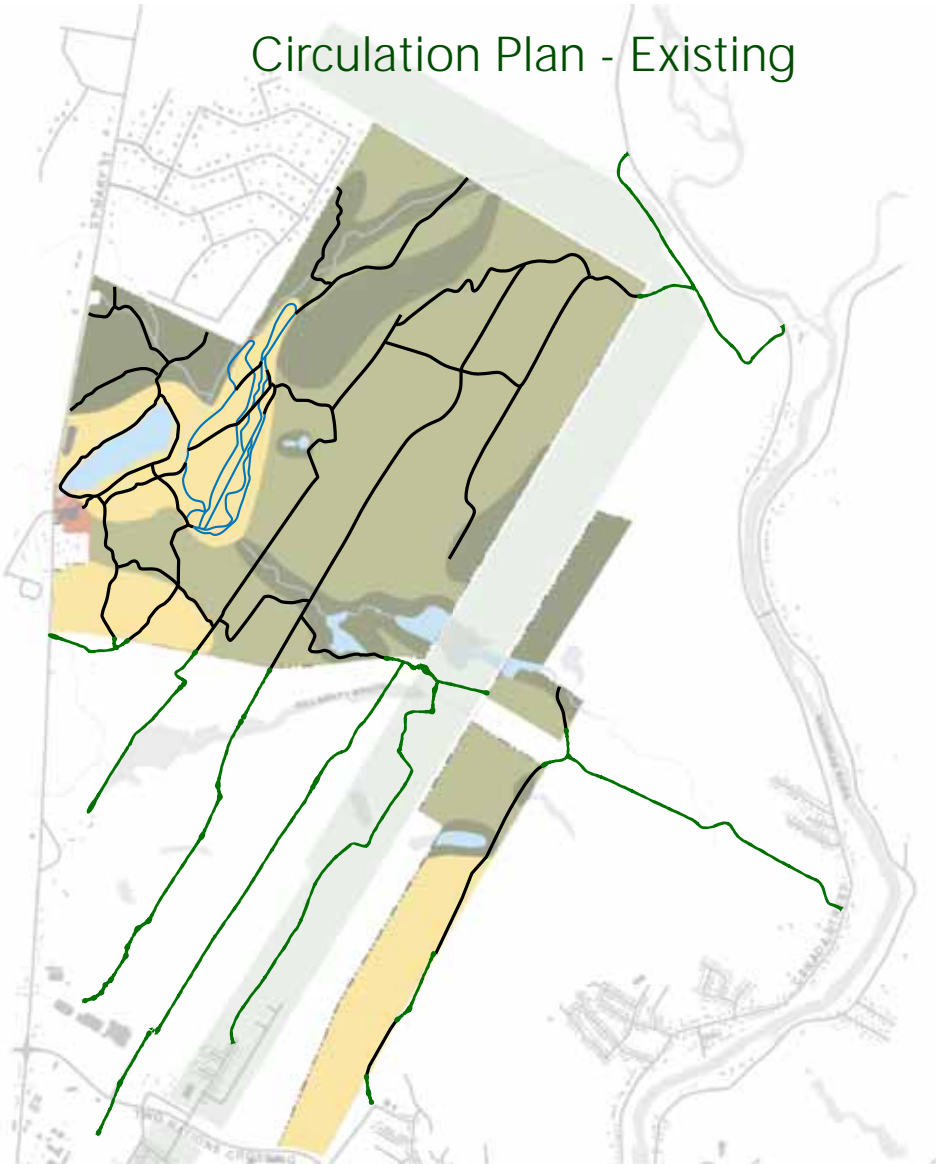
Multi-use Trail Single Track Bike, 0.5-1.0m



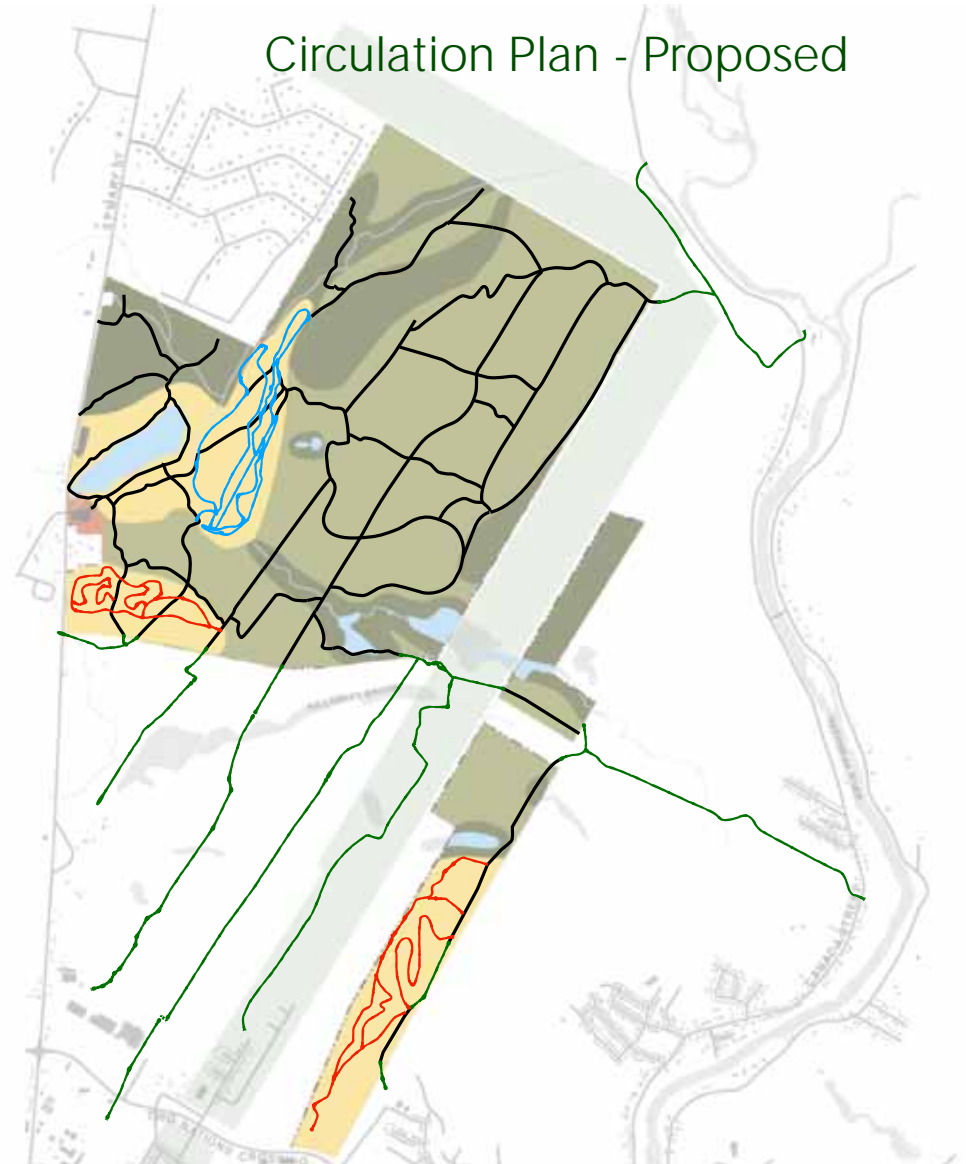
Trail Outside Park Boundary




Circulation Plan - Existing




Circulation Plan - Proposed





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The purpose of this planning process is to provide a MANAGEMENT STRATEGY for our two regional parks. The plans provide a policy framework to guide decision-making about park use that fully considers ecological considerations as well as human use.

Fredericton

implementation.....

Short-medium

- Park wayfinding & interpretive signage
- IPM strategies to monitor & address pests & disease
- Develop a furniture palette

medium-long

- XC Ski Terrain Park
- Destination Play
- Ground
- Re-Zone all lands to park land
- Re-locate maintenance area



What is the go forward plan

Fredericton

implementation.....

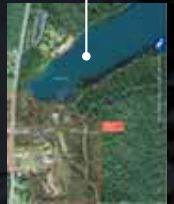
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- Ground
- Re-Zone all lands to park land
- Re-locate maintenance area

- Develop secondary plans for new & relocated trails
- Restore native landscape on relocated trail corridors
- Main entrance and parking area



What is the go forward plan

Fredericton

Killarney

Odell

phase one

- Park wayfinding & interpretive signage
- IPM strategies to monitor & address pests & disease
- Develop a furniture palette

phase two

- XC Ski Terrain Park
- Destination Play Ground
- Re-Zone all lands to park land
- Re-locate maintenance area
- Develop secondary plans for new & relocated trails
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- Main entrance and parking area

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