



Fish and Wildlife Committee

Meeting Agenda

Date: September 6th, 2022

Time: 3:00 p.m.

Location: Watershed Room, SNC Office

Address: 38 Victoria Street, Finch, ON K0C 1K0



Fish and Wildlife Committee

Meeting Agenda

September 6th, 2022 at 3:00 p.m.

1. Chair's Remarks
2. Approval of Fish and Wildlife Committee Agenda (Supplemental Agenda)
3. Declaration of Conflict of Interest
4. SNC Fish and Wildlife Project Update – PowerPoint Presentation: Staff
5. Approval of the Fish and Wildlife Committee meeting minutes of June 7th, 2022 3-7
6. New Business:
 - a. Update: *Conservation Authority Act* Updates and Progress Report #2: Angela PowerPoint 8
 - b. Update: SNC Standing Committee Membership: Ronda 9-10
 - c. Update: City of Ottawa Bear Brook Watershed Study: Kat 11-12
 - d. Update: OPG Regional Biodiversity Program: Michelle 13
 - e. Update: Oak Valley Pioneer Park Erosion Control: Brent 14
 - f. Update: Invasive Plant Management on Conservation Lands: Naomi
7. Supplemental Agenda (if any)
8. Correspondence (if any)
9. Roundtable Discussions
 - a. Community Engagement Activities
 - b. Watershed Monitoring Report
10. Date of Next Meeting:
 - November 29th, 2022, at 3:00 p.m. at the SNC Office
11. Adjournment

Ronda Boutz,
Team Lead, Special Projects.



FISH AND WILDLIFE COMMITTEE MEETING

Tuesday June 7th, 2022, 3:00 p.m. – Meeting 02/22

SNC Watershed Room



- Present:** Frederick Schueler, Committee Chair
Malcolm Clark, Russell Fish and Game Club
Alvin Cluff-Clyburne, Russell Fish and Game Club
Joffre Cote, Ministry of Northern Development, Mines, Natural Resources and Fish and Wildlife (non-voting) (*electronic participation*)
Doug Culver, Naturalist and Recreational Angler
Aleta Karstad, Fragile Inheritance Natural History
Bill Smirle, SNC Board of Directors
Larry Smith, South Nation Archery Supply (*electronic participation*)
- Regrets:** George Darouze, SNC Board of Directors, Past Chair, ex-officio
Stéphane Dubuc, Trapper
Steve Densham, SNC Board of Directors, Vice Chair, ex-officio
Susan Gallinger, Public Citizen (non-voting)
Shawn Landriault, Public Citizen
Pierre Leroux, SNC Board of Directors, Chair, ex-officio
Kirk Myelde, Public Citizen
Doug Thompson, Public Citizen
- Absent:** Abraham Francis, Mohawks of Akwesasne
- Staff:** Ronda Boutz, Team Lead, Special Projects
Hope Boyle, Stewardship Assistant
Michelle Cavanagh, Team Lead, Stewardship
Brent Harbers, Watershed Biologist
Naomi Langlois-Anderson, Senior Fish and Wildlife Technician
Ryan Robson, Resource Technician



CHAIR'S REMARKS

Fred Schueler, Committee Chair, called the Fish and Wildlife Committee meeting of June 7th, 2022 to order at 3:14 p.m.

APPROVAL OF FISH AND WILDLIFE COMMITTEE AGENDA

RESOLUTION NO. FW-008/22

Moved by: Alvin Cluff-Clyburne
Seconded by: Malcolm Clark

RESOLVED THAT:

The Members approve the Fish and Wildlife Committee meeting agenda of June 7th, 2022 as submitted.

CARRIED

DECLARATION OF CONFLICT OF INTEREST

There were no Declarations of Conflict of Interest.

SNC FISH AND WILDLIFE PROJECT UPDATE – POWERPOINT PRESENTATION

Staff presented fish and wildlife project and program updates.

**The Fish and Wildlife Committee meeting recessed at 4:38 p.m. for a break.
The Chair reconvened the meeting at 4:48 p.m.**

APPROVAL OF THE FISH AND WILDLIFE COMMITTEE MEETING MINUTES OF MARCH 3RD, 2022

RESOLUTION NO. FW-009/22

Moved by: Alvin Cluff-Clyburne
Seconded by: Malcolm Clark

RESOLVED THAT:

The Members approve the Fish and Wildlife Committee virtual meeting minutes of March 3rd, 2022 as submitted.

CARRIED



NEW BUSINESS

UPDATE: DUCKS UNLIMITED CANADA PARTNERSHIP

RESOLUTION NO. FW-010/22

Moved by: Alvin Cluff-Clyburne
Seconded by: Aleta Karstad

RESOLVED THAT:

The Fish and Wildlife Committee receive and file the Ducks Unlimited Canada Partnership update.

CARRIED

UPDATE: OPG REGIONAL BIODIVERSITY PROGRAM

RESOLUTION NO. FW-011/22

Moved by: Doug Culver
Seconded by: Malcolm Clark

RESOLVED THAT:

The Fish and Wildlife Committee receive and file the OPG Regional Biodiversity Program update.

CARRIED

REQUEST FOR APPROVAL: OFAH SUMMER STUDENT WORK PLAN

RESOLUTION NO. FW-012/22

Moved by: Alvin Cluff-Clyburne
Seconded by: Doug Culver

RESOLVED THAT:

The Fish and Wildlife Committee approve the OFAH Summer Student Work Plan.

CARRIED

UPDATE: 2022 MONITORING

RESOLUTION NO. FW-013/22

Moved by: Malcolm Clark
Seconded by: Aleta Karstad



RESOLVED THAT:

The Fish and Wildlife Committee receive and file the 2022 Monitoring update.

CARRIED

UPDATE: THE HEALING PLACE

RESOLUTION NO. FW-014/22

Moved by: Alvin Cluff-Clyburne
Seconded by: Doug Culver

RESOLVED THAT:

The Fish and Wildlife Committee receive and file The Healing Place update.

CARRIED

ROUNDTABLE DISCUSSIONS

A. COMMUNITY ENGAGEMENT ACTIVITIES

- Chair, Fred Schueler, reported to the Committee that he shared the SNC Fish Camp registration information with his networks.

B. WATERSHED MONITORING REPORT

Fred Schueler reminded Committee members to submit their Watershed Monitoring reports by email.

DATE OF NEXT MEETING

- September 6th, 2022 Fish and Wildlife Meeting at 3:00 p.m., location to be confirmed.

ADJOURNMENT

RESOLUTION NO. FW-15/22

Moved by: Malcolm Clark



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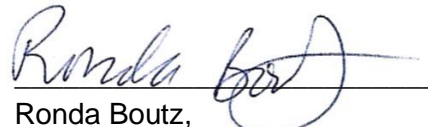
RESOLVED THAT:

The Fish and Wildlife Committee meeting of
June 7th, 2022 be adjourned at 5:31 p.m.

CARRIED

Fred Schueler,
Committee Chair.

/rb



Ronda Boutz,
Team Lead, Special Projects.



To: Fish and Wildlife Committee
From: Ronda Boutz, Team Lead, Special Projects
Date: August 30, 2022
Subject: Update: SNC Standing Committee Membership

RECOMMENDATION:

The Fish and Wildlife Committee receive and file the SNC Standing Committee Membership update.

DISCUSSION:

In February 2022, the Board of Directors approved extending 2021 South Nation Conservation (SNC) Standing Committee membership for 2022, with the intention to undertake membership recruitment this fall for the 2023-2024 term (BD-026/22).

Most Committee members have participated on a Standing Committees for over ten years and are familiar with SNC and its programs and services. Committee member connections to various stakeholder groups is key in building support for ongoing delivery of programs and services (e.g., private landowner stewardship) as SNC transitions to new requirements under the amended *Conservation Authorities Act*.

Staff are preparing a work plan for municipal engagement on SNC programs and services, which will be brought to the Committee at their November 2022 meeting, the support of Standing Committee members is especially important with the upcoming Municipal election, as new Councillors may not be familiar with SNC and its landowner stewardship initiatives.

As such, the SNC Board of Directors has approved maintaining current Standing Committee memberships into 2023. While a formal call for Committee membership would not occur until 2023, the Executive can address any individual requests that are submitted in the interim.

FINANCIAL IMPLICATIONS/ADHERENCE TO SNC POLICY:

Compliance with Budget: Standing Committees are included in the 2022 SNC Budget under Corporate and Community Services: Corporate Communications, pages 84 – 85.

SNC Policy Adherence: Standing Committees adhere to SNC Administrative By-laws, Part III, sections 20.1 to 21.0, pages 9 and 10.

Ronda Boutz,
Team Lead, Special Projects.



To: Fish and Wildlife Committee
From: Kat Watson, Water Resources Specialist
Date: August 30, 2022
Subject: Update: City of Ottawa Bear Brook Watershed Study

RECOMMENDATION:

The Fish and Wildlife Committee receive and file the City of Ottawa Bear Brook Watershed Study update.

DISCUSSION:

Section 2.4.3 Watershed and Subwatershed Plans of the City of Ottawa Official Plan states the City will request the Conservation Authority coordinate the preparation of watershed plans. City staff has approached South Nation Conservation (SNC) to lead a Watershed Study for the Bear Brook Watershed.

City of Ottawa staff with the Infrastructure Planning Unit, the Municipal Drain Unit, and the Natural Systems and Rural Affairs Unit, along with SNC staff, have identified the need to carry out a comprehensive study for the Bear Brook Watershed. The need for this study has been triggered by proposed expansion areas within the headwaters of the Bear Brook Watershed.

Natural features, groundwater, and surface water systems cross municipal boundaries. The City would like to undertake environmental studies in partnership with SNC and neighbouring Municipalities, recognizing that these municipalities share these natural systems, and impacts on those systems.

A watershed plan attempts to balance environmental protection, conservation, and restoration efforts with land-use practices and development activities to ensure the long-term health of the watershed. Drawing on fieldwork, scientific analysis, and an Environmental Assessment (EA) Process, the watershed study will identify stressors on natural systems and propose measures to mitigate these stressors and enhance natural systems in the Bear Brook Watershed.

The study will address such matters as setbacks from water bodies, stormwater management requirements, protection of significant natural features and habitat linkages, and opportunities to rehabilitate degraded areas or otherwise enhance the environment.

SNC staff will collaborate with the City to develop a work plan and budget to undertake the Bear Brook Watershed Study. Staff will update the Committee on project progress.



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FINANCIAL IMPLICATIONS/ADHERENCE TO SNC POLICY:

Compliance with Budget: This project is not included in the 2022 budget. If approved, this project would be 100% cost recovery.

SNC Policy Adherence: Subsection 21.1.1 (1) of the Conservation Authorities Act enables SNC to provide municipal programs and services on behalf of a municipality within its area of jurisdiction under agreement.

Kat Watson,
Water Resources Specialist



To: Fish and Wildlife Committee
From: Michelle Cavanagh, Team Lead, Stewardship
Date: August 29, 2022
Subject: Update: OPG Regional Biodiversity Program

RECOMMENDATION:

The Fish and Wildlife Committee receive and file the OPG Regional Biodiversity Program update.

DISCUSSION:

SNC was successful in applying for funding from Ontario Power Generation through their Regional Biodiversity Funding Program for a combined Lakes/Rivers and Woodlands project. The funding awarded is \$200,000 divided over 3 years. 2022 is year three of the three-year project.

The Lakes/Rivers component of the project consists of shoreline stabilization and instream habitat creation along a stream which flows through J. Henry Tweed Conservation Area. The Woodlands component consists of invasive species control on SNC's Gamble and Garlandside Road properties and re-planting with native trees and shrubs. The overall objective is to increase biodiversity and improve the ecological features and functions on the properties.

Activities completed in 2022 include:

- Complete designs for the shoreline stabilization sites based on feedback from the engineering and stewardship teams
- Ash tree removal at the three sites for shoreline stabilization work
- Complete shoreline stabilization work, including log deflector and coir log bioengineering features
- Final site selection and plot layout in forest properties
- Glossy Buckthorn removal and herbicide treatment within forest plots
- Removal of dead Ash trees within forest plots
- Prepare a detailed planting plan for all project areas

The project is nearing completion with the following activities planned for this Fall:

- Re-plant all disturbed areas with native trees and shrubs
- Prepare a project completion press release and update to the SNC website
- Install permanent signage describing the project



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FINANCIAL IMPLICATIONS/ADHERENCE TO SNC POLICY:

Compliance with Budget:

This project is included in the 2022 Budget under Resource Management: Projects: Habitat Restoration, pages 24-25.

SNC Policy Adherence:

All expenditures will adhere to SNC's Purchasing Policy, including seeking three quotes and required authorizations according to purchasing limits. All work undertaken to complete the projects will adhere to SNC's Health and Safety Policies and Procedures.

Michelle Cavanagh,
Team Lead, Stewardship.



To: Fish and Wildlife Committee
From: Brent Harbers, Watershed Biologist
Date: August 29, 2022
Subject: Update: Oak Valley Pioneer Park Erosion Control

RECOMMENDATION:

The Fish and Wildlife Committee receive and file the Oak Valley Pioneer Park Erosion Control update.

DISCUSSION:

The South Nation River upstream of Chesterville was channelized and straightened in the 1980's to reduce the flooding of agricultural lands. Prior to this, the River naturally meandered in the area which slowed flow velocities and dissipated stream energy. Since channelization, the River has eroded the shoreline in this area as it works to restore itself to a state of natural meandering. The erosion at Oak Valley Pioneer Park has reached an extent such that the banks are collapsing, and mature trees are at risk of falling into the River.

SNC was successful in applying for funding from Ontario Power Generation through their Regional Biodiversity Funding Program to support a shoreline restoration project along the South Nation River at Oak Valley Pioneer Park. Phase 1 of the project will include working with a professional consultant skilled in bioengineering and natural channels to design a solution to the erosion at the park. A 'soft' erosion control approach will be favoured without reliance on structures or imported rock materials (rip-rap).

SNC will continue to search for funding opportunities to fully implement the erosion control project at Oak Valley. Design will take place in 2022 and 2023 with construction dates to be determined when funding is achieved.

FINANCIAL IMPLICATIONS/ADHERENCE TO SNC POLICY:

Compliance with Budget:

This project will be included in the 2023 SNC Budget, subject to approval.

SNC Policy Adherence:

All expenditures will adhere to SNC's Purchasing Policy, including seeking three quotes and required authorizations according to purchasing limits.

Brent Harbers,
Watershed Biologist



To: Fish and Wildlife Committee
From: Naomi Langlois-Anderson, Senior Fish & Wildlife Technician
Date: August 29, 2022
Subject: Update: Invasive Plant Management on Conservation Lands

RECOMMENDATION:

The Fish and Wildlife Committee receive and file the Invasive Plant Management on Conservation Lands update.

DISCUSSION:

Invasive plants are harmful to the environment, can outcompete native plants, reduce biodiversity, and degrade the quality of wildlife habitat. SNC owns and manages properties with populations of invasive plants, such as Common Buckthorn, Common Phragmites and Dog-strangling Vine. These plants have proven difficult to eradicate through hand-pulling, cutting and seed removal. The staff time, effort, and sheer area where invasive plant eradication is needed limits how much can be managed on a yearly basis.

The Ontario Invasive Plant Council provides the most appropriate and up-to-date methods for controlling many invasive plants in Ontario. Invasive plants are best controlled through a multi-pronged approach that includes chemical and mechanical methods. SNC has been fortunate to have an Ontario Federation of Anglers and Hunters summer student whose time is dedicated towards invasive species monitoring and management. Staff have begun documenting invasive species by location and drafting management plans.

SNC has three staff licensed to use pesticides. SNC has used RoundUp (Glyphosate) for controlling DSV, Poison Ivy (native, public safety), and Phragmites. SNC has used Garlon (Triclopyr) to treat Buckthorn, and staff are looking to trial Lalcide Chondro, a biological control of invasive Buckthorn, comprised of a naturally occurring fungus that causes stem mortality. SNC will continue to manage invasive species on conservation lands, using the most efficient methods, including herbicides as sparingly as possible.

FINANCIAL IMPLICATIONS/ADHERENCE TO SNC POLICY:

Compliance with Budget:

Invasive species management is included in the 2022 Budget under Property:
Conservation Lands: Lands, pages 34-35.

SNC Policy Adherence:

All work undertaken to complete invasive plant management adheres to SNC's Forest Management Policy and Health and Safety Policy and Procedures.

Naomi Langlois-Anderson,
Senior Fish & Wildlife Technician.