

ONTARIO



PARKS

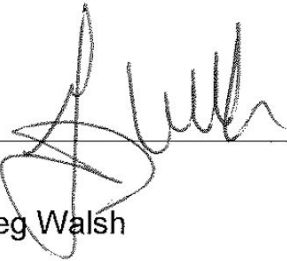
BROCKVILLE LONG SWAMP FEN

Background Information File

Approval Statement

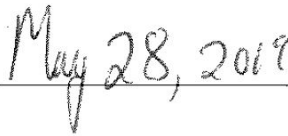
I am pleased to approve the background information file for Brockville Long Swamp Fen Provincial Park.

This background information file consolidates information to support the management planning process through to the completion of the approved management statement as outlined by the Ontario Protected Area Planning Manual.



Greg Walsh

A/Southeast Zone Manager, Ontario Parks



Date

1. INTRODUCTION

The purpose of this background information file is to consolidate pertinent information to support the preparation of management direction for Brockville Long Swamp Fen Provincial Park. This document identifies key sources of information within the references that make up the background information file (Section 12) by each subject area that is relevant to park management planning.

- **Name of protected area:** Brockville Long Swamp Fen Provincial Park
- **Protected area designation:** Provincial Park
- **Park class:** Nature reserve
- **General location:** The park is located within the Township of Elizabethtown-Kitley, approximately 11 kilometres north of the city of Brockville, in the United Counties of Leeds and Grenville.
- **Size:** 174 hectares
- **Date regulated:** July 1, 2017
- **Administrative zone:** Southeast Zone
- **Administrative district and region:** Kemptville District, Southern Region
- **Ecodistrict:** 6E-11

2. INDIGENOUS COMMUNITIES

- The park is located within the area of the Algonquin land claim being negotiated by the Government of Canada, the Government of Ontario and the Algonquins of Ontario at the time of preparation of this background information file. The park is located within the consultation area as defined by the Consultation Process Interim Measures Agreement (2009).
- The park is located within an area of interest of the Mohawk Council of Akwesasne.

3. PLANNING AREA

3.1 Regional setting

- Ontario Ministry of Natural Resources and Forestry, 2015.
- OMNR, 2001b
- Past Recovery Archaeological Services Inc., 2018:
 - Section 1.0 Introduction
 - Section 2.1 Development Context
- Schlesinger, 1987:
 - Section 1.1 – The Wetland
 - Section 3.0 – Land Uses
- White, 1992

3.2 Access

- Conrad, 2001:

- General Information
- Schlesinger, 1987:
 - Section 5.7 – Access
 - 5.10 – Nature Study by School Groups

3.3 Land tenure and development

- OMNR, 2001b
- Schlesinger, 1987:
 - Section 3.0 – Land Uses
 - Section 4.0 – Organizations Interested in Long Swamp Fen
 - Section 5.0 – Management Issues and Recommendations
- MNDR, personal communication, 2012
- OMNRF, Land Information Ontario, 2019
 - Aggregate Site Authorized Active Layer
 - Aggregate Site Authorized Inactive Layer
 - Bait Harvest Area Layer
 - Trapline Area Layer
- OMNR, Land Holding Agreements, 2006
 - Nature Conservancy Bujara Property (East)
 - Nature Conservancy Bujara Property (West)
 - Nature Conservancy Carinal Property
 - Nature Conservancy Reid Property
 - Nature Conservancy Stark Property
- MNRF acquired land, Ontario Parks Legacy 2000 (Wilson property)
- OMNRF, 2011

4. PURPOSE OF THE PROTECTED AREA

- Barkley, 2019
- OMNR, 2001b
- OMNR, Land Holding Agreements, 2006
 - Nature Conservancy Bujara Property (East)
 - Nature Conservancy Bujara Property (West)
 - Nature Conservancy Carinal Property
 - Nature Conservancy Reid Property
 - Nature Conservancy Stark Property
- Schlesinger, 1987:
 - Section 6.0 – Management Strategy

5. NATURAL HERITAGE VALUES AND PROCESSES

5.1 Life science values

- Barkley, 2019
- Conrad, 2001

- OMNR, 2001b
- OMNRF. Land Information Ontario, 2019
 - ANSI Layer
- Schlesinger, 1987:
 - Section 2.3 – Hydrology
 - Section 2.4 – Vegetation
 - Section 2.5 – Fauna
 - Section 3.13 – General Conclusion
 - Section 6.0 – Management Strategy
- Wester et al., 2018
 - Section 2, Ecodistrict 6E-11
- White, 1992:
 - Section 4.1 – Site Selection and Comparison
 - Section 4.3 – Summary of Major Natural Features of Candidate ANSI
 - Appendix A – Checksheets for ANSI of Site District 6-11

5.2 Earth science values

- Gorrell, 2001
- Schlesinger, 1987:
 - Section 2.2 – Geology, Topography, and Soils
- Webster, 2019
- White, 1992:
 - Section 1.2 – General Description and Physical Features
 - Section 1.3 – Landforms

5.3 Watersheds

- White, 1992:
 - Section 1.1 Location
- Conrad, 2001:
 - General Information
- OMNR, 2001b
- Schlesinger, 1987:
 - Section 2.2 – Geology, Topography, and Soils
 - Section 2.3 – Hydrology

5.4 Climate

- Schlesinger, 1987:
 - Section 2.1 – Climate

6. CULTURAL HERITAGE VALUES

- Past Recovery Archaeological Services Inc., 2018.

7. RECREATION VALUES

- OMNR, 2001a
- OMNR, 2001c
- Schlesinger, 1987:
 - Section 3.12 – Recreation and Nature Study

8. RESOURCE USE

8.1 Recreational use

- OMNR, 2001a
- OMNR, 2001c
- Schlesinger, 1987:
 - Section 3.12 – Recreation and Nature Study

8.2 Commercial use

- Schlesinger, 1987:
 - Section 3.10 – Trapping
 - Section 3.11 – Baitfishing

9. SOCIAL AND ECONOMIC BENEFITS

- Schlesinger, 1987:
 - Section 3.0 – Land Uses

10. PROTECTED AREA PRESSURES

- Conrad, 2001
- OMNR, 2001a
- OMNR, 2001b
- OMNR, 2001c
- Schlesinger, 1987:
 - Section 2.3 – Hydrology
 - Section 2.4 – Vegetation
 - Section 3.0 – Land Uses

11. MANAGEMENT CONSIDERATIONS AND PRIORITIES

- Past Recovery Archaeological Services Inc., 2018.
- Schlesinger, 1987:
 - Section 5.0 – Management Issues and Recommendations
 - Section 6.0 – Management Strategy
 - Appendix 1 – Summary of Management Recommendations

12. REFERENCES

- Barkley, Erica. 2019. Brockville Long Swamp Fen Provincial Park Life Science Consideration for Management Statement. Ontario Ministry of Environment Conservation and Parks, Peterborough, Ontario. 13 pp.
- Conrad, Mark. 2001. Brockville Long Swamp Fen: General Life Science Information and Some Vegetation Community Descriptions. Ontario Ministry of Natural Resources, Kingston, ON. 8 pp.
- Gorrell, George. 2001. Earth Science Inventory Checklist for Brockville Long Swamp Fen. Ontario Ministry of Natural Resources. 1 pp.
- Ontario Ministry of Natural Resources and Forestry. 2015. Establishment of Recommended Brockville Long Swamp Fen Provincial Park (Nature Reserve Class) (P4717). Amendment Form for Area-specific Crown Land Use Policy 2011-007. Crown Land Use Policy Atlas.
- Ontario Ministry of Natural Resources (OMNR). 2001a. Brockville Long Swamp Provincial Park (Nature Reserve Class) Recreation Map. Queens Printer for Ontario. 1 pp.
- Ontario Ministry of Natural Resources. 2001b. Natural Heritage Area – Life Science Checklist for Brockville Long Swamp Fen. Ontario Ministry of Natural Resources, Kingston, ON. 7 pp.
- Ontario Ministry of Natural Resources. 2001c. Recreation Inventory Checklist – Brockville Long Swamp Provincial Park (Nature Reserve Class). Ontario Ministry of Natural Resources, Peterborough, ON. 1 pp.
- Ontario Ministry of Natural Resources and Forestry. 2006. Landholding agreement, Nature Conservancy of Canada, Brockville Long Swamp Fen. Ontario Ministry of Natural Resources, Peterborough, ON.
- Ontario Ministry of Natural Resources and Forestry. 2011. Plan of Brockville Long Swamp Fen Provincial Park (Nature Reserve Class). Office of the Surveyor General. Ontario Ministry of Natural Resources, Peterborough, ON.
- Ontario Ministry of Natural Resources and Forestry. Land Information Ontario database. Accessed on February 21, 2019.
- Past Recovery Archaeological Services Inc. 2018. Draft Stage 1 Archaeological Assessment of Brockville Long Swamp Fen Provincial Park, Various Lots, Concession 6, Geographic Township of Elizabethtown, now Township of Elizabethtown-Kitley, United Counties of Leeds and Grenville, Ontario. Prepared for: Ontario Parks, Southeast Zone, Ministry of Environment, Conservation and Parks, Peterborough, ON. 49 pp.

Township of Elizabeth-Kitley. 2018. Official Plan of the Township of Elizabeth Kitley. Township of Elizabeth-Kitley, Addison, Ontario.

Schlesinger, David. 1987. Long Swamp Fen: Biophysical Features, Land Uses, and Management Recommendations. Prepared for the Ontario Heritage Foundation, Toronto, ON. 55 pp.

Wester, M.C., Henson, B.L., Crins, W.J., Uhlig, P.W.C., and Gray, P.A. 2018. The Ecosystems of Ontario, Part 2: Ecodistricts. Ontario Ministry of Natural Resources and Forestry, Science and Research Branch, Peterborough, ON. Science and Research Technical Report TR-26. 474 pp.+appendices

Webster, D.N. 2019. Earth Science Inventory Brockville Long Swamp Fen Provincial Park. Ontario Ministry of Environment, Conservation and Parks, Ontario Parks Branch. Peterborough, ON. 19 pp.

White, David J. 1992. Life Science Areas of Natural and Scientific Interest in Site District 6-11: A Review and Assessment of Significant Natural Areas. Prepared for the Ontario Ministry of Natural Resources, Kemptonville, ON. 105 pp.

In addition to the documents presented in the background information file, the following references will also be consulted through management planning, and may be used to guide the process:

Ontario Ministry of Natural Resources. 2005a. A Class Environmental Assessment for Provincial Parks and Conservation Reserves. Ontario Ministry of Natural Resources, Queen's Printer for Ontario, Toronto. 120pp.

Ontario Ministry of Natural Resources. 2006a. A Technical Guideline for Cultural Heritage Resources for Projects Planned Under the Class EA – RSFD and the Class EA – PPCR. Ontario Ministry of Natural Resources, Queens Printer for Ontario, Toronto. 45pp.

Ontario Ministry of Natural Resources. 2006c. Provincial Parks and Conservation Reserves Act. Toronto. 44pp.

Ontario Ministry of Natural Resources. 2011a. Fire Management Planning Guideline for Provincial Parks and Conservation Reserves. Ontario Ministry of Natural Resources. 72 pp.

Ontario Ministry of Natural Resources and Forestry. 2014a. Ontario's Protected Areas Planning Manual 2014. Ontario Ministry of Natural Resources and Forestry. 27pp + appendices.