

Seine River Watershed – SOS Website Bibliography

(‘Hard’ copies only--author MIGHT have and/or provide electronically)

1. Seine River Greenway Study*

Authors: Seine River Task Force (Jim Paterson, Don Kingerski, Victor Mikolayenko, Brian Lund, Barry Yanchyshyn, Kevin Lalor, George Hayes, Mike Allen, Ashley Langridge, Don Pentland, Roman Manastersky, Doug McNeil, Cheryl Heming and Frank Kowalski)
Published: Winter 2000

Purpose: "To obtain City Council approval of a comprehensive Planning Document that addresses how best to manage, protect and enhance the Seine River Parkway."

Sub-Studies: Four Major Sub-Studies were prepared by the Task Force as important components of the Seine River Study:

1. Seine Riverbank Stability Characterization
2. Hydrologic and Hydraulic Modeling of Flows and Levels of the Seine River
3. An Assessment of Vegetation and Wildlife Habitat Quality for the Seine River Parkway
4. Seine River Corridor Interpretive Study

Available: City Of Winnipeg Library - call number 711.558 WIN

*Winner of the Canadian Society of Landscape Architects' Regional Honour Award and the National Citation Award

2. Seine Riverbank Stability Characterization

Authors: D. E. Kingerski, P.Eng. Rivers and Streams Authority Engineer and Kevin Gawne, 4th Year Civil Engineering Student - University of Manitoba.
Published: September 1994

Description: "An inventory of various riverbank physical characteristics that influence the stability of a riverbank."

Available: City Of Winnipeg Library - call number 551.4830971 WIN

3. Hydrologic and Hydraulic Modeling of Flows and Levels of the Seine River

Authors: T. Lock and J.C. Doering, P. Eng. Dept. of Civil & Geological Engineering - University of Manitoba and D. D. McNeil. P. Eng. Water and Waste Department - The City of Winnipeg
Published: February 1996

Description: "A study to identify and assess strategies for improving or augmenting low flow conditions of the Seine River."

Available: City Of Winnipeg Library - call number 551.4830971 LOC

4. An Assessment of Vegetation and Wildlife Habitat Quality for the Seine River Parkway

Author: Andrew Cowan, Interpretive Services Branch, Environmental Services Division, Parks and Recreation Department, Reorganized as of 1998 to Naturalist Services Branch, Community Services Department - City of Winnipeg Branch

Published: 1995

Description: "An inventory of the vegetation and wildlife, a documentation of the composition of natural communities and a ranking these natural communities with respect to the quality of vegetation and wildlife habitat."

Available: City Of Winnipeg Library - call number 711.558 COW

5. Seine River Corridor Interpretive Study / Histoire du Corridor de la riviere Seine et suggestions de son interpretation

Authors: Lucien Chaput, TRIGO Associés

Published: June, 1995

Description: "The Seine River Corridor: its history and suggestions for its interpretation. An inventory of the cultural, historical and archeological resources of the Seine River Corridor as well as an overview of eight thematic areas to guide a future interpretive program."

Available: City Of Winnipeg Library - call number 971.272 SEI (eng)

Available: City Of Winnipeg Library - call number 971.272 HIS (fra)

6. Seine River Interpretive Trail/le Sentier de la Seine A Feasibility and Design Study (Provencher - Marion)

Authors: Alf Simon, Professor Department of Landscape Architecture - U. of M. Larissa Panachenko, Masters Student Department of Landscape Architecture - U. of M., Jared Whelan-Enns, Student of Environmental Science Program - U. of M., Save Our Seine River Environment Inc.-Trail Development Committee.

Published: November, 1995

Description: "Goals: 1) To design and develop a year round low-impact, multi-use trail that would provide easy access for the public and special groups. 2) To promote environmental and historical educational opportunities within the context of sustainability and stewardship."

7. Seine River Park Study

Publisher: City of Winnipeg, 1980.

Available: City Of Winnipeg Library - call number 771.558 SEI

8. Water management strategies for the lower Seine River

Author: Morley John Smith

Published: 1992

Description: v, 124 leaves (1 fold.): ill., maps, col. Plates.

Available: UML Dafoe Library Deposit Practicum S4785, UML Dafoe Library Microforms Practicum S4785, UML Dafoe Library Second Floor Practicum

9. A Fish Fauna and Habitat Quality Study of the Seine River, Manitoba

Author: Bernard Gaudet

Printed: 1997

Description:

A thesis submitted in partial fulfillment of the requirements for the course Projects in Biology (05.41111/6) - 36 pages plus appendices (graphs and tables). Supervisors: Dr. G.E.E. Moodie and N.L. Loadman Dept. of Biology, University of Winnipeg

Available: : Dr. G.E.E. Moodie, University of Winnipeg

Abstract:

"Concerns about the health of the Seine River have been raised by public interest groups over the last several years. This has spawned numerous studies focusing on water flows, water quality, and supply and demand. More recently, riparian zone habitat quality has been assessed within the city of Winnipeg. Little is known about how human activity has affected the organisms that inhabit the river. This study is an attempt to establish fish species diversity and fish habitat quality at six primary locations, three urban and three rural, along the Seine River. Samples were collected between June and October 1996. Data on species diversity were compared between urban and rural areas, and with other comparably sized rivers in southern Manitoba. Age-size classes were determined for the more numerous of the species captured. Habitat quality was assessed through field observations, using water quality data provided, and indices described in the literature. Access to biological information is critical for evaluating any further development projects proposed for the Seine River." (page ii)

Fish Found In Seine!

(Re-printed from the SOS Newsletter, Spring 1997)

By: Bernard Gaudet

During the summer of 1996, SOS funded my fish survey of the Seine River. Why would anyone want to know if there are a few minnows swimming around? For one, I was interested in gathering this information to complete a thesis for my Bachelor of Science degree at the University and nobody had a good idea as to what kinds of fish use this river to spawn, feed or carry out their life-histories. Also, having knowledge of fish species in the Seine River will provide a baseline with which to measure the effects proposed enhancement projects, such as the construction of riffles, may have on fish communities.

Collections were made at six locations, three within the City of Winnipeg and three in rural areas. The primary method of capture used was a two pole seining net. Twenty-one species were observed during my study. Additional information from Manitoba Fisheries, and evidence from anglers, brings the total number to twenty-seven different species found in the Seine River.

So, what does this number mean? Relative to other rivers of comparable size in southern Manitoba such as the Rat, Pembina and Cypress Rivers, the Seine is about in the middle as far as numbers of species. However, considering that all of these rivers run through areas of extensive agricultural disturbance, what we may in fact be witnessing is an overall reduction in species diversity.

It has been demonstrated in several waterways where stream enhancement has been undertaken that a noticeable increase in fish populations followed. In the case of the Seine River, I would think that this is also possible. This 'soft' engineering approach will not only improve fish habitat, but also provide a low-cost form of stream management that is self-sustaining over the long term.

B. Gaudet

10. The Wildlife of Winnipeg's Small Waterways

Author: Douglas R. Collicut

Published: January, 1994

Description:

Available:

11. Bois des Esprits Park Plan

Author: Gaboury Préfontaine Perry architect.e.s

Prepared for: Save Our Seine Environment Group Inc. and The Riel Development Corporation

Printed: March 2001

Purpose:

- to study and identify the full potential of the study area, a portion of the Seine River Corridor between Bishop Grandin Boulevard and the Future Warde Avenue extension.
- to study the potential of preserving the forest, Bois des Esprits due to its value as a natural area and understand its relationship with adjacent uses.
- to study the historic characteristics of the area surrounding the Bois des Esprits and the Riel Grist Mill site and identify ways to interpret these elements.
- to develop a concept plan that balances preservation of the forest with passive recreational/interpretive use in the study area and integration into its surrounding context.

Available: S.O.S