

Five-year Action Plan for the Restoration of Junction Creek 2005 to 2010



Junction Creek Stewardship Committee

Mission:

“To restore all life to the Junction Creek ecosystem: native wildlife, insect and plant life, and to improve the quality of life for humans as well.”

Introduction:

In 1998, a small group of concerned citizens who had been involved for many years with environmental initiatives in the Sudbury area conceived a plan to bring together members of the public to restore the city's main waterway, Junction Creek. As an Earth Day project, they planned a public symposium to discuss the possibility.

In May 1999, the first symposium took place. It attracted 140 people, of which a large majority indicated an interest in future involvement in the project. That evening, the Junction Creek Stewardship Committee was formed, and members have been coordinating citizen participation in various initiatives ever since.

In late 2003, the Committee set to work on a five-year plan that would allow more effective planning for the future. The Plan was developed by gathering input at a public forum and in writing from interested members of the public. The input was compiled, discussed in depth, and worked into its final form by members of the Junction Creek Stewardship Committee.

As part of that process, the group developed a new mission statement:

"To restore all life to the Junction Creek ecosystem: native wildlife, insect and plant life, and to improve the quality of life for humans as well."

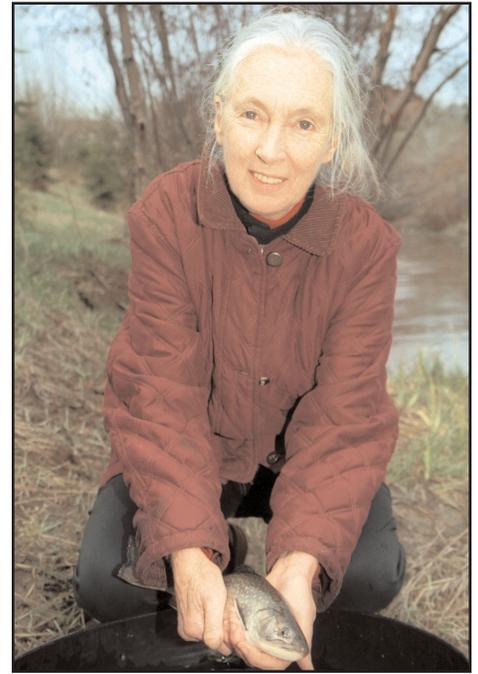
Major Achievements (1999-2004):

- *30,000 kilograms of garbage have been removed from creek and banks by volunteer efforts coordinated by the Junction Creek Stewardship Committee
- *8,000 trees, shrubs and cuttings have been planted through efforts organized by the Committee
- *More than 6,000 brook trout were reintroduced to upper reaches of Junction Creek between 2000 and 2002
- *2000 school children have participated in an educational water quality monitoring program

Awards:

2003 Urban Stewardship Award of Excellence, Evergreen Foundation

2004 State of the Lakes Ecosystem Conference, Recognition of Outstanding Success Stories



Dr. Jane Goodall releases brook trout into Junction Creek, 2002



Volunteers plant shrubs, Adopt-a-Creek program, 2003

Action Plan 2005-2010

We have two key objectives:

*Rehabilitation of the Junction Creek watershed to facilitate the improvement of all elements of the creek

*Heightening public awareness of Junction Creek and its ongoing restoration



Creek 'adopters' pick up garbage, 2003

Rehabilitation Plan:		
GOAL	MEASURABLE OUTPUT	RESOURCES REQUIRED
by Fall 2005: Complete streambank rehabilitation project at Site #1	Before/after photos	\$7,500
by Fall 2007: Complete streambank rehabilitation project at Site #2	Before/after photos	\$7,500
by Fall 2009: Complete streambank rehabilitation project at Site #3	Before/after photos	\$7,500
by Fall 2010: Complete streambank rehabilitation project at Site #4	Before/after photos	\$7,500
by 2010: Plant 15,000 tree/shrub cuttings and seedlings along shoreline	Survival rate of plantings	\$31,000
by 2010: Facilitate removal of at least 15,000 kg of garbage from stream and banks	Sample loads to be weighed	\$18,000
2005-10: Monitor water quality monthly at seven locations	Monthly reports	\$30,500
2005-10: Encourage City of Greater Sudbury to complete Junction Creek Waterway Park	18 kilometres of trail completed (as outlined in 1991 Community Improvement Plan)	\$2,700
2009: Conduct fish habitation survey	Report to be produced	\$17,500



Students take part in 'Bug Search,' 2001

Public Awareness Plan:		
GOAL	MEASURABLE OUTPUT	RESOURCES REQUIRED
2005-2010: Deliver Bug Search program to at least 3000 students	Number of students participating	\$37,000
by 2005: Produce and publicize a map indicating the relative health of individual sectors of Junction Creek	Presentation at 2005 Public Forum	\$2,700
by 2006: 15 creek sections to be adopted	Number of groups holding annual clean ups	\$27,900
2005-2010: Maintain or increase brochure distribution (at least 700 per year)	Number of brochures distributed	\$3,700
Print updated version of brochure when required	Number of brochures printed	\$4,800
2005-2010: Publish quarterly newsletter	Number of newsletters distributed	\$20,200
2005-2010: Maintain or increase current level of media coverage	At least 40 media appearances	\$2,700
2005-2010: Foster closer relationship with City Council	Annual presentation to Council	\$1,800
2005-2010: Organize two events per year: (fall forum and fall cleanup)	Attendance at events	\$12,000

Funding Sources (1999-2004):

EcoAction 2000/Environment Canada	\$165,000
Human Resources Development Canada	\$43,000
Ontario Ministry of Natural Resources, (Community Fisheries and Wildlife Involvement Program)	\$23,000
INCO Ltd.	\$22,500
TD Friends of the Environment Fund	\$12,000
Shell Environmental Fund	\$10,000
Fisheries and Oceans Canada	\$10,000
HIVA Foundation	\$7,000
Nickel District Conservation Authority	\$5,000
Sudbury Community Foundation	\$4,700
Home Depot	\$4,500

Since 1999, the Junction Creek Stewardship Committee has also received in-kind donations worth more than \$200,000. This includes a wide variety of goods and services from a large number of sources including Laurentian University, the City of Greater Sudbury, the Nickel District Conservation Authority, Collège Boréal, Fisheries and Oceans Canada and Science North.



Mural created in conjunction with Myths and Mirrors Community Arts, 2002

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Biologists assess fish populations in Junction Creek, 2004