



Group: Inverness South Anglers Committee (Mabou & District Community Development Association)

Contact: David Cameron

Mailing Address: P.O. Box 255, Mabou, NS B0E 1X0

Tel/Fax; (902) 945-2356 fax 945-2605

Email: mabouriverinn@ns.sympatico.ca

PART A: Project Description

Watercourse(s): North East Mabou, Broad Cove River (Inverness), MacQuarries Brook, Shea's Brook, Miramichi Brook

Watershed(s): Mabou

Project description and objectives:

- What habitat issues is this project is addressing? Each of the activities involves either restoring or creating fish and spawning habitat. We experienced more difficulty this year due to the number of debris jams and water course alterations after the December 2010 rains. We were not able to install as many structures as originally hoped for, but did manage to enhance and restore numerous areas throughout the watershed.
- Specific restoration work done this year i.e. techniques used, scale of structures, hand or machine work etc: All structures and work are done by hand.

Project Design and Results

Watercourse: North East Mabou River (feeder streams)

Watershed: Mabou Harbour Estuary

Location : North East Mabou off North East Mabou Rd

Nearest Community: Mabou

Road crossing (access point): North East Mabou Rd and MacDonald's Glen Rd

Map # (NS Topo series 1:50 000): Lake Ainslie 11 K/3

Coordinates: Easting & Northing

1st Location at North East Mabou-

Start: N 46 05 216, W 61 24 319

Finish: N 46 05 717, W 61 24 467

2nd Location at North East Mabou-

Start: N 46 05 569, W 61 23 356
Finish: N 46 05 993, W 61 23 319

In-stream Structures

- Design width: 3-5 metres varying width
- Distance between structures: These areas have been cleared of debris and are flushing to be ready for structures in 2012. There were significant debris jams obstructing the migration of fish. (The reason for the poor population assessments previously).
- Total length (meters) of stream restored: 1st Location – 1200 metres; 2nd Location – 800 metres
- Area in Sq. meters: 8,000 sq metres (cleared)

Project Design and Results

Watercourse: Miramichi Brook (Roseburn)
Watershed: Mabou
Location : Roseburn
Nearest Community: Brook Village/Roseburn
Road crossing (access point): Roseburn Rd and Old Mull River Rd
Map # (NS Topo series 1:50 000): Lake Ainslie 11 K/3
Coordinates: Easting & Northing
Start: N 46 00 060, W 61 17 443
Finish: N 46 00 164, W 61 16 787

In-stream Structures

The crew spent two weeks performing enhancement work in this particular area that became necessary as a result of the December 2010 excessive rainfall. Clearing of debris jams and allowing the Brook to regain it's course and continued flushing was necessary. Structures (approx 20) should be ready for installation in 2012.

Project Design and Results

Watercourse: Rankin Brook
Watershed: Mabou Harbour Estuary
Location : Rankinville Rd
Nearest Community: Mabou
Road crossing (access point): Rankinville Rd and Beaton Rd
Map # (NS Topo series 1:50 000): Lake Ainslie 11 K/3
Coordinates: Easting & Northing
Start: N 46 03 663, W 61 22 432 and upstream
Finish:

Removal of abandoned dam and various debris jams. This site is expected to have a fish ladder installed (manually constructed by the crew) in 2012, to allow for the migration of fish.

- Design width: 3-4 metres with impassable culvert
- Distance between structures:

Project Design and Results

Watercourse: MacQuarries Brook

Watershed: Mabou Harbour Estuary

Location : Chapel Rd

Nearest Community: Brook Village/Hays River

Road crossing (access point): Chapel Road and MacKinnon Rd

Map # (NS Topo series 1:50 000): Lake Ainslie 11 K/3

Coordinates: Easting & Northing

Start: N 46 04 465, W 61 14 907

Finish: N 46 04 663, W 61 14 907

In-stream Structures

- Design width: 5 metres
- Distance between structures: 30 metres
- Number and Type of Structures: 8 Digger logs
- Total length (meters) of stream restored: 200 metres
Area in Sq. meters: 1000 sq metres

Project Design and Results

Watercourse: Broad Cove River

Watershed: Inverness

Location : Route 19 at Glenville

Nearest Community: Glenville

Road crossing (access point): near Glenora Distillery

Map # (NS Topo series 1:50 000): Lake Ainslie 11 K/3

Coordinates: Easting & Northing

Start: N46 09 310, W 61 18 979

Finish: N46 09 495, w61 18 656

In-stream Structures

- This was also the removal of numerous debris jams and blockages.

- Design width: 8-9 metres
- Distance between structures:
- Number and Type of Structures
- Total length (meters) of stream restored: 600 metres
Area in Sq. meters: 5000 sq metres

Other habitat restoration measures taken: As mentioned there were numerous issues throughout the watershed due to the rains experienced in December 2010. Only due to the fact that many areas had previous habitat restoration work, the drainage system performed extremely well.

Overall Project Results

- Total Number and Type of Structures: 12
- Total length (meters) of stream restored: 2800 metres
- Total Stream Area in Sq. meters: 8,400 sq metres
- Total Riparian Area in Sq. meters: 19,600 sq metres
- Total Number of Trees planted:

Past Work & Future Plans:

Has habitat work been done on this watercourse in previous years? How much? Is further additional work planned or anticipated?

This was our 8th season of restoration work in this vast watershed. We have a very experienced crew dedicated to the goals and objectives of this program. We hope to continue this work in the future.

We are planning on producing a document and developing a 5 year plan that describes (and inventories) the work that has been accomplished, and goals set for our future direction. With the assistance of the ASCF we are hoping to accomplish this prior to August 1st 2012.

It is our intention to complete an Application for 2012.

PART B: Project Delivery (Overall project, not by watercourse)

Volunteer Contribution

- Describe how volunteers contribute to your Adopt-A-Stream project and to your organization in general.

Other than our crew, all work and administration is volunteered. Our crew wages represent approximately 95% of our cost, and their materials and supplies the other 5%, with Bank Charges being the only administrative cost, and very negligible. Our crew cruises the watershed throughout the winter as volunteers and will make any necessary 'fixes' if they are able. We have a very dedicated group and the results are becoming more evident all the time.

- Number of People volunteering on all aspects of the project: 16
- Total Volunteer Hours: at least 380 – 400 hours

- Approximate breakdown of roles
 - Management / Supervision: to plan a direction and keep the group on course. To communicate with the crew and provide them with the tools necessary to perform their work.
 - Labour: A reliable, quality conscience, crew who believe in the task they do for improvements to our watershed.
 - Other: DFO Habitat for guidance, direction and expertise, NS Fisheries

- Number of workers: 3 crew members
- Weeks of work: 2 – 17 weeks; 1 –12 weeks

Other Information

- List other project sponsors and contributions:
ASCF \$5,000.00

- Please describe any other additional activities undertaken to support the project (education, promotion, population assessments etc.):
- Copy of Inverness ORAN article sent previously

IMPORTANT -

PLEASE SEND PHOTOS AS SEPARATE FILES NOT JUST EMBEDDED IN THE REPORT. These may be also be used for publication and promotion purposes.

Please also include copies of any media articles about the project