



Group:	Inverness South Anglers Association
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PROJECT BRIEF:

PART A: Project Description

Watercourse(s):	Rankin's Brook, MacNeil's Brook, Shea's Brook, Little Shea's Brook, Miramichi Brook, Mull River, MacQuarrie Brook, Annie Jane's Tributary, Frankie Gillis Tributary, Northeast River, Glenora Falls, Broad Cove River, Fraser's Brook, More Brook, Graham's River, Captain's Brook
Watershed(s):	Mabou Harbour Watershed Broad Cove River Watershed Graham River Watershed Captain's Brook Watershed

Project description and objectives:

<ul style="list-style-type: none"> • What habitat issues is this project is addressing? <p>The habitat restoration component of this project works to expand and enhance migratory access, holding capacity, and spawning areas in the Mabou Harbour and Broad Cove River watersheds. This 'bricks and mortar' work builds upon two decades of continuous community stewardship that has resulted in a dramatic increase in recreational angling, water quality, and economic benefits to the host communities.</p> <p>Graham's River and Captain's Brook were once productive trout and salmon rivers (Graham's River was one of the most productive rivers in the Province in the late 19th century). The habitat restoration planning component has produced a document that enables the ISAA to engage and activate the communities of Judique and Port Hood in the work of implementing the restoration plan.</p>
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- Specific restoration work done this year i.e. techniques used, scale of structures, hand or machine work etc:

All of the following restoration work was completed by hand (restoration crew).
 Broad Cove River at the distillery site: 13 digger logs, 9 deflectors, 12 bank work areas
 More Brook: 11 digger logs, 2 deflectors, 13 bank work areas
 Glenora Falls: Beaver dam removal

Project Design and Results (Please complete one for each watercourse)

LOCATION INFORMATION	
Watercourse:	Rankin's Brook
Watershed:	Mabou Harbour
Location :	Rankinville Rd. (200 m downstream)
Nearest Community:	Mabou
Road crossing (access point):	Rankinville Rd.
Map # (NS Topo series 1:50 000):	Lake Ainslie 11/K3
Coordinates: UTMS	Start: N 46 03 641, W 61 22 429 Finish: N 46 03 802, W 61 22 462
Downstream project limit: Easting	N 46 03 802
Downstream project limit: Northing	W 61 22 462
Upstream project limit: Easting	N 46 03 641
Upstream project limit: Northing	W 61 22 429

PROJECT RESULTS	
<u>In-stream Habitat Structures</u>	
Design width:	
Distance between structures (average/ design)	
Number and Type of Structures	
Total length (meters) of stream restored:	
Area in Sq. meters:	
<u>Other Instream Habitat Restoration Measures Taken</u>	
Type of Action taken	
Design width:	
Distance of restoration	

Total length (meters) of stream restored:	
Area in Sq. meters:	
<u>Bank Stabilization and Riparian restoration:</u>	
▪ Length of bank:	
▪ Height of bank:	
▪ Width of watercourse:	
▪ Method of stabilization:	
▪ # trees planted:	
<u>Fish Passage Remediation</u>	
Type of barrier	
Action taken	
Upstream habitat gain	

Other Activities:	

LOCATION INFORMATION	
Watercourse:	MacNeil's Brook
Watershed:	Mabou Harbour
Location :	Rankinville Rd.
Nearest Community:	Maou
Road crossing (access point):	Rankinville Rd.
Map # (NS Topo series 1:50 000):	Lake Ainslie 11/K3
Coordinates: UTMS	Start: N46 02 147, W61 22 093 Finish: N46 03 819, W61 23 056
Downstream project limit: Easting	N46 03 819
Downstream project limit: Northing	W61 23 056
Upstream project limit: Easting	N46 02 147
Upstream project limit: Northing	W61 22 093

PROJECT RESULTS	
<u>In-stream Habitat Structures</u>	
Design width:	
Distance between structures (average/ design)	
Number and Type of Structures	

Total length (meters) of stream restored:	
Area in Sq. meters:	
<u>Other Instream Habitat Restoration Measures Taken</u>	
Type of Action taken	
Design width:	
Distance of restoration	
Total length (meters) of stream restored:	
Area in Sq. meters:	
<u>Bank Stabilization and Riparian restoration:</u>	
▪ Length of bank:	
▪ Height of bank:	
▪ Width of watercourse:	
▪ Method of stabilization:	
▪ # trees planted:	
<u>Fish Passage Remediation</u>	
Type of barrier	
Action taken	
Upstream habitat gain	

Other Activities:	

LOCATION INFORMATION	
Watercourse:	Shea Brook
Watershed:	Mabou Harbour
Location :	
Nearest Community:	
Road crossing (access point):	
Map # (NS Topo series 1:50 000):	
Coordinates: UTMS	
Downstream project limit: Easting	
Downstream project limit: Northing	
Upstream project limit: Easting	
Upstream project limit: Northing	

PROJECT RESULTS	
<u>In-stream Habitat Structures</u>	
Design width:	
Distance between structures (average/ design)	
Number and Type of Structures	
Total length (meters) of stream restored:	
Area in Sq. meters:	
<u>Other Instream Habitat Restoration Measures Taken</u>	
Type of Action taken	
Design width:	
Distance of restoration	
Total length (meters) of stream restored:	
Area in Sq. meters:	
<u>Bank Stabilization and Riparian restoration:</u>	
▪ Length of bank:	
▪ Height of bank:	
▪ Width of watercourse:	
▪ Method of stabilization:	
▪ # trees planted:	
<u>Fish Passage Remediation</u>	
Type of barrier	
Action taken	
Upstream habitat gain	

Other Activities:	

LOCATION INFORMATION	
Watercourse:	Little Shea Brook
Watershed:	Mabou Harbour
Location :	
Nearest Community:	

Road crossing (access point):	
Map # (NS Topo series 1:50 000):	
Coordinates: UTMS	
Downstream project limit: Easting	
Downstream project limit: Northing	
Upstream project limit: Easting	
Upstream project limit: Northing	

PROJECT RESULTS	
<u>In-stream Habitat Structures</u>	
Design width:	
Distance between structures (average/ design)	
Number and Type of Structures	
Total length (meters) of stream restored:	
Area in Sq. meters:	
<u>Other Instream Habitat Restoration Measures Taken</u>	
Type of Action taken	
Design width:	
Distance of restoration	
Total length (meters) of stream restored:	
Area in Sq. meters:	
<u>Bank Stabilization and Riparian restoration:</u>	
▪ Length of bank:	
▪ Height of bank:	
▪ Width of watercourse:	
▪ Method of stabilization:	
▪ # trees planted:	
<u>Fish Passage Remediation</u>	
Type of barrier	
Action taken	
Upstream habitat gain	

Other Activities:	
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LOCATION INFORMATION	
Watercourse:	Miramichi Brook
Watershed:	Mabou Harbour
Location :	
Nearest Community:	
Road crossing (access point):	
Map # (NS Topo series 1:50 000):	
Coordinates: UTMS	
Downstream project limit: Easting	
Downstream project limit: Northing	
Upstream project limit: Easting	
Upstream project limit: Northing	

PROJECT RESULTS	
<u>In-stream Habitat Structures</u>	
Design width:	
Distance between structures (average/ design)	
Number and Type of Structures	
Total length (meters) of stream restored:	
Area in Sq. meters:	
<u>Other Instream Habitat Restoration Measures Taken</u>	
Type of Action taken	
Design width:	
Distance of restoration	
Total length (meters) of stream restored:	
Area in Sq. meters:	
<u>Bank Stabilization and Riparian restoration:</u>	
▪ Length of bank:	
▪ Height of bank:	
▪ Width of watercourse:	
▪ Method of stabilization:	
▪ # trees planted:	
<u>Fish Passage Remediation</u>	

Type of barrier	
Action taken	
Upstream habitat gain	

Other Activities:	

LOCATION INFORMATION	
Watercourse:	Mull Brook
Watershed:	Mabou Harbour
Location :	
Nearest Community:	
Road crossing (access point):	
Map # (NS Topo series 1:50 000):	
Coordinates: UTMS	
Downstream project limit: Easting	
Downstream project limit: Northing	
Upstream project limit: Easting	
Upstream project limit: Northing	

PROJECT RESULTS	
<u>In-stream Habitat Structures</u>	
Design width:	
Distance between structures (average/ design)	
Number and Type of Structures	
Total length (meters) of stream restored:	
Area in Sq. meters:	
<u>Other Instream Habitat Restoration Measures Taken</u>	
Type of Action taken	
Design width:	
Distance of restoration	
Total length (meters) of stream restored:	
Area in Sq. meters:	
<u>Bank Stabilization and Riparian restoration:</u>	

▪ Length of bank:	
▪ Height of bank:	
▪ Width of watercourse:	
▪ Method of stabilization:	
▪ # trees planted:	
<u>Fish Passage Remediation</u>	
Type of barrier	
Action taken	
Upstream habitat gain	

Other Activities:	

LOCATION INFORMATION	
Watercourse:	MacQuarrie Brook
Watershed:	Mabou Harbour
Location :	
Nearest Community:	
Road crossing (access point):	
Map # (NS Topo series 1:50 000):	
Coordinates: UTMS	
Downstream project limit: Easting	
Downstream project limit: Northing	
Upstream project limit: Easting	
Upstream project limit: Northing	

PROJECT RESULTS	
<u>In-stream Habitat Structures</u>	
Design width:	
Distance between structures (average/ design)	
Number and Type of Structures	
Total length (meters) of stream restored:	
Area in Sq. meters:	
<u>Other Instream Habitat Restoration Measures Taken</u>	
Type of Action taken	

Design width:	
Distance of restoration	
Total length (meters) of stream restored:	
Area in Sq. meters:	
<u>Bank Stabilization and Riparian restoration:</u>	
▪ Length of bank:	
▪ Height of bank:	
▪ Width of watercourse:	
▪ Method of stabilization:	
▪ # trees planted:	
<u>Fish Passage Remediation</u>	
Type of barrier	
Action taken	
Upstream habitat gain	

Other Activities:	

LOCATION INFORMATION	
Watercourse:	Annie Jane's Tributary
Watershed:	Mabou Harbour
Location :	
Nearest Community:	
Road crossing (access point):	
Map # (NS Topo series 1:50 000):	
Coordinates: UTMS	
Downstream project limit: Easting	
Downstream project limit: Northing	
Upstream project limit: Easting	
Upstream project limit: Northing	

PROJECT RESULTS	
<u>In-stream Habitat Structures</u>	
Design width:	
Distance between structures (average/design)	

Number and Type of Structures	
Total length (meters) of stream restored:	
Area in Sq. meters:	
<u>Other Instream Habitat Restoration Measures Taken</u>	
Type of Action taken	
Design width:	
Distance of restoration	
Total length (meters) of stream restored:	
Area in Sq. meters:	
<u>Bank Stabilization and Riparian restoration:</u>	
▪ Length of bank:	
▪ Height of bank:	
▪ Width of watercourse:	
▪ Method of stabilization:	
▪ # trees planted:	
<u>Fish Passage Remediation</u>	
Type of barrier	
Action taken	
Upstream habitat gain	

Other Activities:	

LOCATION INFORMATION	
Watercourse:	Frankie Gillis Tributary
Watershed:	Mabou Harbour
Location :	
Nearest Community:	
Road crossing (access point):	
Map # (NS Topo series 1:50 000):	
Coordinates: UTMS	
Downstream project limit: Easting	
Downstream project limit: Northing	
Upstream project limit: Easting	

Upstream project limit: Northing	
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PROJECT RESULTS	
<u>In-stream Habitat Structures</u>	
Design width:	
Distance between structures (average/ design)	
Number and Type of Structures	
Total length (meters) of stream restored:	
Area in Sq. meters:	
<u>Other Instream Habitat Restoration Measures Taken</u>	
Type of Action taken	
Design width:	
Distance of restoration	
Total length (meters) of stream restored:	
Area in Sq. meters:	
<u>Bank Stabilization and Riparian restoration:</u>	
▪ Length of bank:	
▪ Height of bank:	
▪ Width of watercourse:	
▪ Method of stabilization:	
▪ # trees planted:	
<u>Fish Passage Remediation</u>	
Type of barrier	
Action taken	
Upstream habitat gain	

Other Activities:	

LOCATION INFORMATION	
Watercourse:	Northeast River
Watershed:	Mabou Harbour
Location :	

Nearest Community:	
Road crossing (access point):	
Map # (NS Topo series 1:50 000):	
Coordinates: UTMS	
Downstream project limit: Easting	
Downstream project limit: Northing	
Upstream project limit: Easting	
Upstream project limit: Northing	

PROJECT RESULTS	
<u>In-stream Habitat Structures</u>	
Design width:	
Distance between structures (average/ design)	
Number and Type of Structures	
Total length (meters) of stream restored:	
Area in Sq. meters:	
<u>Other Instream Habitat Restoration Measures Taken</u>	
Type of Action taken	
Design width:	
Distance of restoration	
Total length (meters) of stream restored:	
Area in Sq. meters:	
<u>Bank Stabilization and Riparian restoration:</u>	
▪ Length of bank:	
▪ Height of bank:	
▪ Width of watercourse:	
▪ Method of stabilization:	
▪ # trees planted:	
<u>Fish Passage Remediation</u>	
Type of barrier	
Action taken	
Upstream habitat gain	

Other Activities:	

LOCATION INFORMATION	
Watercourse:	Glenora Falls
Watershed:	Mabou Harbour
Location :	
Nearest Community:	
Road crossing (access point):	
Map # (NS Topo series 1:50 000):	
Coordinates: UTMS	
Downstream project limit: Easting	
Downstream project limit: Northing	
Upstream project limit: Easting	
Upstream project limit: Northing	

PROJECT RESULTS	
<u>In-stream Habitat Structures</u>	
Design width:	
Distance between structures (average/ design)	
Number and Type of Structures	
Total length (meters) of stream restored:	
Area in Sq. meters:	
<u>Other Instream Habitat Restoration Measures Taken</u>	
Type of Action taken	
Design width:	
Distance of restoration	
Total length (meters) of stream restored:	
Area in Sq. meters:	
<u>Bank Stabilization and Riparian restoration:</u>	
▪ Length of bank:	
▪ Height of bank:	
▪ Width of watercourse:	
▪ Method of stabilization:	
▪ # trees planted:	

<u>Fish Passage Remediation</u>	
Type of barrier	
Action taken	
Upstream habitat gain	

Other Activities:	

LOCATION INFORMATION	
Watercourse:	Broad Cove River
Watershed:	Broad Cove River
Location :	
Nearest Community:	
Road crossing (access point):	
Map # (NS Topo series 1:50 000):	
Coordinates: UTMS	
Downstream project limit: Easting	
Downstream project limit: Northing	
Upstream project limit: Easting	
Upstream project limit: Northing	

PROJECT RESULTS	
<u>In-stream Habitat Structures</u>	
Design width:	
Distance between structures (average/ design)	
Number and Type of Structures	
Total length (meters) of stream restored:	
Area in Sq. meters:	
<u>Other Instream Habitat Restoration Measures Taken</u>	
Type of Action taken	
Design width:	
Distance of restoration	
Total length (meters) of stream restored:	
Area in Sq. meters:	

<u>Bank Stabilization and Riparian restoration:</u>	
▪ Length of bank:	
▪ Height of bank:	
▪ Width of watercourse:	
▪ Method of stabilization:	
▪ # trees planted:	
<u>Fish Passage Remediation</u>	
Type of barrier	
Action taken	
Upstream habitat gain	

Other Activities:	

LOCATION INFORMATION	
Watercourse:	Fraser's Brook
Watershed:	Broad Cove River
Location :	
Nearest Community:	
Road crossing (access point):	
Map # (NS Topo series 1:50 000):	
Coordinates: UTMS	
Downstream project limit: Easting	
Downstream project limit: Northing	
Upstream project limit: Easting	
Upstream project limit: Northing	

PROJECT RESULTS	
<u>In-stream Habitat Structures</u>	
Design width:	
Distance between structures (average/ design)	
Number and Type of Structures	
Total length (meters) of stream restored:	
Area in Sq. meters:	

<u>Other Instream Habitat Restoration Measures Taken</u>	
Type of Action taken	
Design width:	
Distance of restoration	
Total length (meters) of stream restored:	
Area in Sq. meters:	
<u>Bank Stabilization and Riparian restoration:</u>	
▪ Length of bank:	
▪ Height of bank:	
▪ Width of watercourse:	
▪ Method of stabilization:	
▪ # trees planted:	
<u>Fish Passage Remediation</u>	
Type of barrier	
Action taken	
Upstream habitat gain	

Other Activities:	

LOCATION INFORMATION	
Watercourse:	More Brook
Watershed:	Broad Cove River
Location :	
Nearest Community:	
Road crossing (access point):	
Map # (NS Topo series 1:50 000):	
Coordinates: UTMS	
Downstream project limit: Easting	
Downstream project limit: Northing	
Upstream project limit: Easting	
Upstream project limit: Northing	

PROJECT RESULTS	
<u>In-stream Habitat Structures</u>	

Design width:	
Distance between structures (average/ design)	
Number and Type of Structures	
Total length (meters) of stream restored:	
Area in Sq. meters:	
<u>Other Instream Habitat Restoration Measures Taken</u>	
Type of Action taken	
Design width:	
Distance of restoration	
Total length (meters) of stream restored:	
Area in Sq. meters:	
<u>Bank Stabilization and Riparian restoration:</u>	
▪ Length of bank:	
▪ Height of bank:	
▪ Width of watercourse:	
▪ Method of stabilization:	
▪ # trees planted:	
<u>Fish Passage Remediation</u>	
Type of barrier	
Action taken	
Upstream habitat gain	

Other Activities:	

LOCATION INFORMATION	
Watercourse:	Graham's River
Watershed:	Graham's River
Location :	
Nearest Community:	
Road crossing (access point):	
Map # (NS Topo series 1:50 000):	
Coordinates: UTMS	

Downstream project limit: Easting	
Downstream project limit: Northing	
Upstream project limit: Easting	
Upstream project limit: Northing	

PROJECT RESULTS	
<u>In-stream Habitat Structures</u>	
Design width:	
Distance between structures (average/ design)	
Number and Type of Structures	
Total length (meters) of stream restored:	
Area in Sq. meters:	
<u>Other Instream Habitat Restoration Measures Taken</u>	
Type of Action taken	
Design width:	
Distance of restoration	
Total length (meters) of stream restored:	
Area in Sq. meters:	
<u>Bank Stabilization and Riparian restoration:</u>	
▪ Length of bank:	
▪ Height of bank:	
▪ Width of watercourse:	
▪ Method of stabilization:	
▪ # trees planted:	
<u>Fish Passage Remediation</u>	
Type of barrier	
Action taken	
Upstream habitat gain	

Other Activities:	

LOCATION INFORMATION	
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Watercourse:	Captain's Brook
Watershed:	Captain's Brook
Location :	
Nearest Community:	
Road crossing (access point):	
Map # (NS Topo series 1:50 000):	
Coordinates: UTMS	
Downstream project limit: Easting	
Downstream project limit: Northing	
Upstream project limit: Easting	
Upstream project limit: Northing	

PROJECT RESULTS	
<u>In-stream Habitat Structures</u>	
Design width:	
Distance between structures (average/ design)	
Number and Type of Structures	
Total length (meters) of stream restored:	
Area in Sq. meters:	
<u>Other Instream Habitat Restoration Measures Taken</u>	
Type of Action taken	
Design width:	
Distance of restoration	
Total length (meters) of stream restored:	
Area in Sq. meters:	
<u>Bank Stabilization and Riparian restoration:</u>	
▪ Length of bank:	
▪ Height of bank:	
▪ Width of watercourse:	
▪ Method of stabilization:	
▪ # trees planted:	
<u>Fish Passage Remediation</u>	
Type of barrier	
Action taken	

Upstream habitat gain	

Other Activities:	

OVERALL PROJECTS RESULTS

Total Number and Type of Structures:	60 total digger logs, deflectors, and bank rocking
Total length (meters) of stream restored:	1,000 m
Total Stream Area in Sq. meters:	6,600 sq. meters
Total Riparian Area in Sq. meters:	0 sq. meters
Total Number of Trees planted:	0

Past Work & Future Plans:

Has habitat work been done on the watercourse(s) in previous years? Which? How much?
Is further additional work planned or anticipated?

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

PEOPLE POWER

VOLUNTEERS	
Describe how volunteers contribute to your Adopt-A-Stream project and to your organization in general.	Fish stocking, coordinating the fish derby, angling promotion, brood stock collection, restoration work, conference attendance, mileage (transportation)
Number of People volunteering on all aspects of the project:	24
Total Volunteer Hours	655
Approximate breakdown of roles	
Management / Supervision:	5
Labour:	8
Other:	11

PAID PERSONNEL	
Number of project workers:	5
Total Tally Weeks of work:	75
Start Date:	June 13, 2015
End Date:	November 13, 2015
Other Paid staff contributing to the project:	0

Other Information

Other Project Contributors	Contribution Description	Cash	Inkind
ASCF	Cash	15,000	
RFCPP	Cash	39,860	
Landowners	Material		5,000
MRI	Meeting room		225
Mileage			888.75

Please convey any other additional activities undertaken to support the project (education, promotion, population assessments etc.) even if not directly funded by NSLC Adopt A Stream.

Fishing derby held June 6 to promote responsible angling.
Stream Restoration and Off-setting workshop (Nov. 2015) held at Bedford Institute of Oceanography.

- Please describe any other additional activities undertaken to support the project (education, promotion, population assessments etc.):

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**
- **Attach completed detailed Financial Statement**

