



2009
Report to the Nova Scotia
Sportfish Habitat Fund



Habitat Unlimited Crew working at restoration of the Beaver River, subwatershed of the West River Antigonish

Submitted by:
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Nova Scotia



Salmon Association

Acknowledgements:

Many people are involved in the success of the Adopt-A-Stream program – first and foremost are the dedicated volunteers and staff of the community groups looking after their local watersheds and undertaking the restoration of aquatic habitat. The angling community must be also congratulated for supporting the Nova Scotia Sportfish Habitat Fund and contributing through their recreational fishing licences.

The NSSA Board of Directors, particularly Carl Purcell, president, Ken Silver, treasurer, and especially to AAS committee chair Bob Rutherford, commit a great deal of time and provide tremendous expertise to the program.

The time and effort given by the Adopt-A-Stream review committees is greatly appreciated. The Technical Reviewers are Charles MacInnis, DFO (Gulf), Darren Hiltz, DFO (Maritimes), John MacMillan, NS Fisheries and Mike Allen, NS Environment. The Senior Advisors are Greg Stevens, DFO, Mike Cherry, DFO, Al McNeill, NS Fisheries and Bob Petrie, NS Environment. Bob Rutherford, NSSA chairs both committees.

Nova Scotia Fisheries - Inland Fisheries Division has long championed the Adopt-A-Stream program and provides both financial and moral support. In particular, we would like to acknowledge Murray Hill, retired (2009) Director of Inland Fisheries for his unwavering support and promotion of Adopt-A-Stream.

Executive Summary

2009 marked five years since the establishment of the Nova Scotia Sportfish Fund and the revitalization of the Adopt-A-Stream program lead by the Nova Scotia Salmon Association, on behalf of the recreational fishing community. During the past five years, 30 community groups have accessed project funds and technical advice through the Adopt-A-Stream program resulting in more than 556,000 square meters of restored aquatic habitat over a linear distance of more the 111 kilometres as well as riparian area restoration and improved fish passage in dozens of watercourses.

The funding that the NSSA receives from the Nova Scotia Sportfish Habitat Fund is distributed to community groups for habitat restoration projects which have been approved through the review committee process.

This year, Adopt-A-Stream supported the project work of 21 community groups. Fish habitat restoration was conducted in 40 watercourses. As a result, approximately 95,800 square metres of in-stream fish habitat was restored and 108,700 square meters of riparian habitat protected and vegetation re-established. There were 4829 trees planted in riparian zones.

The Nova Scotia Sportfish Habitat Fund contributed \$250,078. With a small carry over from 2008, the total funding available was \$250,200 to be contributed to 19 projects. Two project postponed from the previous year were also completed. Community groups secured matching cash and in-kind contributions of \$ 571,700. The volunteer commitment to the projects included more than 7400 hours of volunteer time.



St. Mary's River Assoc. crew members checking out one of the digger logs they installed this past summer on Black Brook, East River St.



The Cobequid Salmon Assoc. hired a long arm to help add rock to the big deflectors and digger logs installed in Little River, Stewiacke.

Introduction

2009 marked five years since the establishment of the Nova Scotia Sportfish Fund and the revitalization of the Adopt-A-Stream program lead by the Nova Scotia Salmon Association, on behalf of the recreational fishing community. During the past five years, 30 community groups have accessed project funds and technical advice through the Adopt-A-Stream program resulting in more than 556,000 square meters of restored aquatic habitat over a linear distance of more the 111 kilometres as well as riparian area restoration and improved fish passage in dozens of watercourses.

Adopt-A-Stream serves as a catalyst and facilitator for broad-based community watershed management, with a two-fold strategy. The program encourages and supports communities working on long-term land and water use issues to ensure that best management practises are adopted; and it provides direct assistance in the form of project funding and technical advice for hands-on projects that physically restore ecological function and productive capacity to aquatic and riparian habitats.

Since its establishment in 2005, the Nova Scotia Sportfish Habitat Fund (NSSHF) has been the primary source of project funding of the Adopt-A-Stream program. Having this directed revenue available annually, from the habitat fee on recreational fishing licenses, provides a foundation community groups can build upon to undertake increasingly comprehensive fish habitat restoration in their local watersheds all across the province.

The following report summarizes the activities of the Adopt-A-Stream program in 2009, detailing project results of the contribution provided through the Nova Scotia Sportfish Habitat Fund.

Background

The past 200 years of human activity in the Maritimes has made drastic changes to watersheds, resulting in severely degraded freshwater habitats. Land clearing, log driving, agriculture, road construction, and urban and industrial development have changed the shape of stream channels, and have introduced excessive silt, nutrients, and other pollutants to our watercourses. It is estimated that most gravel bed streams in Nova Scotia are only 5 to 20% as productive as they once were. Once abundant, the clean cool gravel-bed stream needed for spawning and rearing of juvenile fish is in increasingly short supply. Cold water species, particularly Atlantic salmon, sea run, brook and brown trout, suffer as a result of habitat degradation. All aquatic life benefits from habitat conservation and improvement that restores the ecological function of watercourses. Habitat restoration, when properly designed and applied, can result in dramatic improvements in spawning success and increases in juvenile salmon and trout densities.

Across Nova Scotia, volunteer-based community groups have demonstrated the long-term commitment and effort needed to bring their rivers back to health and productivity. River associations, angling clubs, and wildlife organizations have shown the leadership and the tenacity to see their projects through. But in order to be successful, groups require funding and technical advice.

The Nova Scotia Salmon Association (NSSA), founded in 1963, is a not-for-profit, charitable conservation organization whose goal is the wise management of Atlantic salmon and trout. The NSSA is the regional council of the Atlantic Salmon Federation, and has 25 local affiliates across the province. The NSSA is a member of the Inland Fisheries Advisory Committee (IFAC), as are the NS Federation of Anglers and Hunters, Trout Nova Scotia, the Atlantic Salmon Federation (ASF), and the Canadian Association of Smallmouth Anglers (CASA). It was through discussions at this committee, in late 1997, that the NSSA assumed the lead role in the delivery of the Adopt-A-Stream program on behalf of the member organizations.

2009 Adopt-A-Stream Program

The 2009 fish habitat restoration season was a successful one. All but one project were fully completed, and that project will be completed in the coming season. Two previously postponed projects were also completed during this past field season. In addition to the 21 groups that did project work with NSSHF contributions, Adopt-A-Stream supported the restoration work of two other groups with habitat compensation funds. We have also been in conversation and, in some cases, have conducted field assessments with several newer groups considering taking on habitat restoration work in the future.

Program Management: Technical, Administrative and Watercourse Alteration Approval

The Nova Scotia Salmon Association was able to provide technical and administrative oversight of projects funded by the NS Sportfish Habitat Fund due to the continued financial commitment of the Inland Fisheries Division of the Nova Scotia Department of Aquaculture and Fisheries, in the form of a service contract with the NSSA. This revenue supplemented by contract work associated with habitat compensation agreements allows the NSSA to employ a program manager who provides technical advice to community groups and field support for projects as well and administration. As a result of this, all the funding received from the NSSHF was distributed directly to the community groups undertaking approved projects.

The NS Department of Environment “blanket” approval for most types of watercourse alterations associated with projects under the NSSA Adopt-A-Stream program was renewed. The confidence in both the AAS project review process and technical field support provided by the program allows NS Environment to offer this streamlined option as an alternative to individual groups making application for individual site approvals. This approach saves community groups money and time that is better spent on their projects. A review of the list of fish habitat restoration techniques approved for inclusion under the “NSSA Adopt-A-Stream program blanket NS Environment Watercourse Alteration Approval to Construct – Instream Structures for Fish Habitat Restoration” was undertaken by the AAS Technical and Senior Advisory Committees.

The Nova Scotia Sportfish Habitat Fund (NSSHF) was the main source of project funding and was used to support a large number of projects across the entire province. However, the NSSA also managed several habitat restoration projects with habitat

compensation funds, as well as a voluntary project with a private developer, under the Adopt-A-Stream program. Most of these were done in partnership with community groups, resulting in work that would not have been done otherwise.

Project Proposal Review and Selection

The Adopt-A-Stream program strives to ensure high quality work and equitable distribution of resources (both funding and technical assistance) to community groups undertaking fish habitat restoration projects. This is achieved through a multi-agency proposal review process and technical support during the design, layout, and implementation of projects.

All proposals made to Adopt-A-Stream are subject to a review process that assesses them for technical feasibility and effectiveness and ensures projects are consistent with sound fisheries management goals. Review committee members include representatives from government agencies with jurisdictional interests – NS Aquaculture and Fisheries (Inland Fisheries Division), NS Environment, and Fisheries and Oceans Canada (both Habitat and Fisheries Management divisions) – and the NSSA.

Committee members determine a reasonable and fair distribution of available funds among recommended projects.

Field Support

Throughout the field season, the Adopt-A-Stream program manager, as well as the AAS committee chair, provide technical support as needed to participating groups, including watercourse assessment, project design and layout, and training in the installation of habitat structures (such as digger log / deflector sequences, rock sills, boulder groups, and bank stabilization via rocking, bank logs, live sills and/or other vegetation). Adopt-A-Stream personnel coordinate with DFO Habitat officers to ensure groups are getting all the help they require to be successful.

Follow-up monitoring and evaluation of completed projects will ensure anticipated results are achieved over time.

2009 Project Results

Ecological Impact

During the 2009 field season, a total of 21 community groups involved in the Adopt-A-Stream program were allocated funding from the NSSHF for in-stream habitat restoration projects, 19 from the 2009 NSSHF contribution and 2 carried over from 2008 & 2007. In all, 42 watercourses were improved, ranging from main rivers to headwater streams. Approximately 95,775 square meters of in-stream habitat was restored. Many, many kilometres of stream were made accessible for migrating fish with the removal of debris jams and old beaver dams. Streamside, 108,688 square meters of riparian habitat was protected by livestock fencing, bank stabilization, and 4829 trees and shrubs were planted.

The table below outlines the projects undertaken through Adopt-A-Stream with the support of the Nova Scotia Sportfish Habitat Fund.

2009 Project Descriptions

Group	Watershed: Watercourse - Project Location	Project Description
ACAP Cape Breton	Mira River: Stewart Brook	Installed 14 digger logs with deflectors to create pools and restore natural thalweg of a 500 m stretch of the Brook running along the Salmon River Road. Also, cleared a major blockage to allow fall upstream migration in Stewart Brook.
Bear River First Nation	Bear River: Franklyn brook	Project work involved bank stabilization by hand rocking, the installation of two new digger logs and thalweg development by hand placing rock in larger substrate stretch a further 200m upstream of previous restoration work.
Bluenose Coastal Action Foundation	Mushamush River: downstream of Hwy 103	To address a very over-widened channel, six large wing deflectors were installed to build point bars, and focus thalweg to develop pools and riffles through 440m of the river. This work was entirely completed in 2009, with the installation of the two structures and finishing on the 4 others. Log crib work was installed by hand and then filled with rock mostly by machine. Disturbed ground was re-seeded and nine 10" trees and 50 saplings were planted.
Cheticamp River Salmon Association	Cheticamp River: Aucoin's Brook; Fiset Brook and Farm Brook	Substantial repairs were needed to previously installed structures in brooks, damaged by February thaws and flooding during September (Hurricane Hannah) 2008 and well as removal of numerous debris jams caused by major tree kill/infestation resulting in blockages on all smaller streams and bank stabilization at various points using rock wall, bank logs and tree planting. On Fiset Brook, a 50 m crib wall was constructed (to prevent flooding on adjacent property). In Farm Brook, large accumulation of debris blocking main channel was removed and a long deflector was built where stream had punctures into floodplain near homes.
Clean Annapolis River Project	Various waterways within the Annapolis watershed	Riparian restoration work along 2585m of waterways was carried out on 4 farms, 1 former common grazing pasture and a campground property. In all: fencing was done to exclude livestock from 1975 m waterways and one alternate watering system installed, 106,866m ² of riparian habitat protected 840 native trees and shrubs planted as well 1630 live willow stakes planted for bank stabilization. One public awareness day held and 6 stewardship agreements signed.
Clean Nova Scotia	Ellenvale Run	This project restored approximately 700m of Ellenvale Run and the Russell Lake tributary by improving the channel shape to making it deeper and narrower by defining the thalweg; creating pools and step-pools; improving flow concentration by moving large boulders and other blockages; installing 4 digger logs and rock sills; creating create cover to provide shelter for fish; and removing garbage within and around the stream.

Cobequid Salmon Association	Stewiacke River: Little River	Continuing restoration of Little River Stewiacke involved: two major deflectors, holding approx. 130 tons of rock each were added to structures built the previous year using a long-reach excavator. Down stream, 3 digger logs (up to 21 meters in length) with large deflectors were installed to accelerate narrowing and shaping channel. One previously installed digger log was reset to the proper height and one ice damaged deflector was repaired. Where alders were cut to access these portions of riverbank, replanting with small fir and spruce trees (400) occurred.
Cumberland County River Enhancement Assoc.	River Philip: 2nd River, Polley Brook, Black River	In 2009, in-stream habitat was restored using a range of accepted restoration techniques that work with the streams own hydrologic processes to stabilize, repair, and restore healthy functional in-stream habitat, in all 48 structures from digger logs and deflectors, artificial bank structures, and silt traps where placed in the four watercourses . Riparian restoration was done to compliment the in-stream work using native vegetation to restore lush stream corridors. Planting was done in a graded manner, with willows, and alders, then larger hardwood species, then upland species – 1000 trees in all. CCREA completed a major armour rocking project on the main channel of the River Philip; the severely eroding bank was 75 m long and 12+m in height. This part of the project was added in early September after consultations with DFO and Carl Bragg of Doug Bragg Enterprises. The work took two and a half weeks to complete and saw three excavators working, along with 6 dump trucks and a bulldozer. Final totals for the project are not compiled yet, but will be in the \$100 000 range. Of this total, CCREA paid \$14086.00 from AAS funding and did the project planning and supervised the work. The rest of the project was paid for by Doug Bragg Enterprises.
Friends of the Cornwallis River Society	Cornwallis River: Golphink Brook, various others in survey	The FCRS worked with the golf course staff advising on riparian and crossing improvements for the stream; resulting in the permanent removal of one crossing and reinstallation of a passable culvert crossing at another hole. Future work will entail pond improvements and a fishway into it. The FCRS summer staff conducted a survey all watercourse crossings of the 101 from Wolfville to Kentville.
Habitat Unlimited	West (Antigonish) and Rights River: Beaver R, Brierly, Hartshorn & Pleasant Valley, Cloverville Brooks	In 2009, HU continued restoration of habitat in several tributaries of the West And Right Rivers using a range of accepted restoration techniques. In all 51 structures were added, approximately 300m of stream bank was stabilized, debris jam and old beaver dams were removed.
LaHave River Salmon Assoc.	Lahave: Rhodenizer Brook	This was the inaugural year of a long term project to protect and restoring riparian habitat on agricultural land in the watershed. Discussions with 3 landowners were initiated. Fencing and riparian replanting was completed at one site where livestock were excluded from 200m of stream and 50 trees planted. Plans for work with two other farmers in the sub-watershed are ongoing.
Mabou & District Community Development Association	Mabou River; Shea's & unnamed trib; More Brk, and Broad Cove River	Work this year was undertaken on 4 watercourses and included: major bank stabilization by rocking placed by machine and with smaller sections done by hand; the installation of 52 instream habitat structures. In MacQuarries Brook many debris jams and abandoned dams were removed to allow flushing.

Margaree Salmon Association	NE Margaree: Big Brook & Lake O'Law Brook	On Big Brook, 7 new deflectors were installed, with 5 others repaired. 3 sections of tree revetment of approximately 15m each were placed for stabilization. A number of debris jams were removed in the lower section of the brook. On Lake O'Law, two structures were repaired. And 300 trees were planted along bank rock work below Doyle's Bridge on NE Margaree.
Medway River Salmon Association	Medway River: Man-made channel at Old Charleston Fish Hatchery	This incubation box project was completed in February / March 2009, It involved re-damming the top 2 ponds of the man- made waterway of the Old Charleston Fish Hatchery to make a head pond (height 30"), designing and building a limestone tumbler as well as adding limestone gravel, and placing an incubation box stream side below the dam. In February of 2009 (and 2010) 40,000 to 50,000 eyed trout eggs from the McGowan Lake Hatchery were incubated.
North Colchester River Restoration Project	Waugh's River and French River	With the building of the new fish ladder at Waugh's River, it became advantageous to restore salmonid habitat both above and below the ladder. Above the falls/ ladder, 38 deflectors were installed and below approximately 150 m of bank rocking was completed to address bank erosion. 25 trees were planted and structure upkeep was conducted on past work in 9 other watercourses.
Pictou County Rivers Association	West river (Pictou): Six Mile Book, Eight Mile Brook; and Pine Tree Brook	Instream work was carried out on Six Mile, Eight Mile and Pine Tree Brooks with approximately 45 structures installed in total including digger logs, wing deflectors and bank rocking.
St. Mary's River Association	East River St. Mary's: Black Brook	In the lower 500 m of the stream various habitat restoration techniques were applied to re-establish the meander of the stream through this channelized section. Digger logs (3) and deflectors (2) were installed and pool areas were excavated (by hand) to use material as fill in structures, as well as step pools developed through sections of steeper gradient. Two kilometres upriver, a single two-tier 75 m log crib created to protect the slumping bank.
Stewards of the River Denys Watershed Assoc.	River Denys: Big Brook	Restoration work on Big Brook was improved by removing, by hand, armouring rocks to increase depth and cover to develop better pools below 12 rock sills.
Salmon River Salmon Association	Belliveau Brook	High water in the region hampered work plan. The revised design layout was completed for the lower section of the Belliveau Brook and six of the old structures were removed and repositioned to the new design. Project to be completed in 2010.

2008 Approved (& funded) but postponed Projects completed in 2009

Group	Watercourse - Project Location	Actual Project Results
Sackville Rivers Assoc.	Sackville River: Upr Little Sackville R.	Originally planned for 2008, restoration of the upper portion of the Little Sackville River flowing through the property of Barrett's Lumber was completed in 2009. 21 digger logs were installed, braided channels in several locations were closed and a number of blockages removed.
Antigonish Town & County Anglers Assoc.	South River: unnamed tributary	Approximately 50 m bank was stabilized with rip rap to reduce erosion and sedimentation, one deflector was installed to direct flow.

Community Commitment

Volunteers are the driving force behind the success of Adopt-A-Stream. In 2009, committed individuals contributed more than 7400 hours to project planning, administration, and delivery. They managed books, attended meetings, supervised workers, and undertook much of the hands-on labour needed for restoration projects. In addition to their own labour, volunteer organizations sought to hire local people, often youth, to work on summer crews doing useful, meaningful work with lasting impacts. A number of groups have been able to hire crew members for consecutive years, increasing the effectiveness of their projects.

The hands-on work of repairing degraded habitat bolsters a group's credibility, allowing community organizations to increase public awareness of aquatic ecosystems and the consequences of improper land-use activities and the need for good stewardship.

2009 Financial Summary

NSSHF Contribution 2009

The Nova Scotia Salmon Association made an application to the NS Sportfish Habitat Fund in April 2009, following which a commitment of \$238,078 was made to the Adopt-A-Stream Program. A second request of \$12,000 was approved in June to fund a community group's project whose application that was inadvertently misplaced during the original review period. The total contribution from the Fund in 2009 to Adopt-A-Stream was \$250,078. An unspent carry-over from 2008 (\$122) was allocated to projects. The total project allocation was \$250,200.

2009 Expenditures and Carry-over

Of the total funds allocated to projects, \$240,112 was distributed and expended by community groups for their projects. Four projects either came in under budget or were not fully completed. These funds are allocated for these groups project work in 2010. The amount the NSSA is carrying over is \$10,088.

There is also a carry-over from 2007 of \$878 from unallocated funds that was inadvertently dropped from this year's budget. As well as, \$2,200 in unspent funds from previous years will also be allocated to 2010 projects.

Matching Contributions

The minimum requirement of a 50/50 cost share on projects was again far exceeded this year; other cash and in-kind contributions raised by community groups totalled \$591,386. The Nova Scotia Salmon Association also contributes significantly with in-kind contributions towards the management of the program, providing financial oversight, technical expertise and overall supervision.

Previously approved and funded project completed

Two projects, by the Sackville Rivers Association and the Antigonish Town County Anglers Assoc., that had been postponed during 2008 were completed and the remaining portion of the contribution was issued. Similarly, the project work not finished in 2008 was completed by ACAP Cape Breton and the Cobequid Salmon Association and the remaining portion of their contributions were issued. The matching contributions for these projects were included in the financials for 2009.

Please see Appendix A for the detailed financial statement.

Concluding Remarks

The Nova Scotia Salmon has developed the Adopt-A-Stream program into an effective model for funding allocation and support for quality community-based fish habitat restoration. The Nova Scotia Sportfish Habitat Fund is the key component of Adopt-A-Stream's continuing success in protecting and improving fish habitat across the province. Community-based community groups are putting anglers' contributions to excellent use for the benefit of our watersheds and to the recreational fishery in particular.

With the aim of further increasing the quantity and quality of habitat restoration and to make the best possible use of the Nova Scotia Sportfish Habitat Fund, the Nova Scotia Salmon Association has sought ways of making the program more robust by adding to the program's funding base in order help more groups in more watersheds and to offer a broader range of services to community groups.

On March 29, 2010 the Nova Scotia Salmon Association and the Nova Scotia Liquor Corporation announced their new partnership to further improve the protection and restoration of local watersheds. The NSLC as title corporate sponsor, using the proceeds of their annual ECOSALE, has made a five year commitment for a minimum of \$100,000 per year to the newly named NSLC Adopt-A-Stream.

The NSSA's strategy for the wise use of these additional resources will be to provide more technical assistance to groups in the form of training, resources (such as equipment loan programs) and field assessment support of as well as to contribute a portion directly to project work as more groups become involved and groups look to undertake larger or more complex projects as a supplement to the funding of the NS Sportfish Habitat Fund.

The Nova Scotia Salmon Association is committed to ensuring that the role of all the contributors to restoring our waterways is well recognized as we move ahead.



Appendix A – 2009 Financial Statement

SUMMARY

REVENUE	
2009 NS Sportfish Habitat Fund	\$250,078
2008 Unallocated Funds Carried-over by NSSA **	\$122
Total	\$250,200

EXPENDITURES - Actual and Allocated	See detail	
Actual Project Funds Issued 2009	\$240,112	
Allocated Unspent portion Project Allocations (under budget / extensions to - held by AAS)	\$10,088	(1)
Total Allocation to Projects	\$250,200	

Past Years Projects completed in 2009

2008 Funds deferred to and spent in 2009		
Postponed Projects undertaken in 2009 Project Funding Advances (held by groups)	\$11,120	(2)
Hold backs deferred from 2008; Issued and spent in 2009	\$6,480	(3)
	\$17,600	

Unallocated Carry-over to 2010		
2007 Funds Carried-over by NSSA	\$878	
2008 Unused Funds to General project Allocation in 2010	\$2,200	
Unallocated Carry-over to 2010	\$3,078	(4)

2009 Financial Detail by Project

Group	Hold back deferred from 2008 Issued & spent in 2009	2009 AAS Allocation of NSSHF	Actual \$ Spent by group.	Match Other Cash	Match Inkind	Project Total	Unspent Amount of Advance (deferred for 2010) Held by group	Hold back / under budget alloc. for 2010 Held by NSSA (1)	Total defer to 2010
ACAP Cape Breton	\$1,800	\$6,000	\$6,000	\$8,254	\$8,884	\$23,138			
Bear River First Nation		\$12,000	\$12,000	\$23,456	\$5,393	\$40,849			
Bluenose Coastal Action Foundation		\$15,000	\$15,000	\$16,178	\$27,842	\$59,020			
Cheticamp River Salmon Association		\$15,900	\$12,574	\$3,336	\$10,000	\$25,910	\$146	\$3,180	\$3,326
Clean Annapolis River Project		\$15,000	\$15,000	\$16,984	\$19,011	\$50,995			
Clean Nova Scotia		\$9,700	\$9,700	\$4,130	\$5,763	\$19,593			
Cobequid Salmon Association	\$2,600	\$19,000	\$17,492	\$7,793	\$17,516	\$42,800		\$1,508	\$1,508
Cumberland Co. River Enhancement Assoc.		\$25,000	\$25,000	\$75,568	\$52,674	\$153,242			
Friends of the Cornwallis River Society		\$4,900	\$4,900	\$8,030	\$7,200	\$20,130			
Habitat Unlimited		\$19,800	\$19,800	\$12,820	\$8,380	\$41,000			
LaHave River Salmon Assoc.		\$12,000	\$12,000	\$26,805	\$27,833	\$66,638			
Mabou & District Community Dev.Assoc.		\$20,000	\$20,000	\$28,814	\$10,000	\$58,814			
Margaree Salmon Association		\$16,800	\$16,800	\$20,816	\$17,000	\$54,616			
Medway River Salmon Association		\$400	\$400	\$0	\$450	\$850			
North Colchester River Restoration Assoc.		\$18,000	\$18,000	\$19,245	\$35,642	\$72,887			
Pictou County Rivers Association		\$15,000	\$12,000	\$4,243	\$8,690	\$24,933		\$3,000	\$3,000
Salmon River Salmon Association		\$12,000	\$9,600	\$0	\$12,446	\$22,046		\$2,400	\$2,400
St. Mary's River Association		\$9,700	\$9,700	\$11,931	\$3,575	\$25,206			
Stewards of the R. Denys Watershed Assoc.		\$4,000	\$4,000	\$0	\$5,000	\$9,000			
Subtotal	\$4,400	\$250,200	\$239,966	\$288,402	\$283,298	\$811,666	\$146	\$10,088	\$10,234

2008 Projects undertaken in 2009	Issued pre-2009	Issued 2009	Actual NSSHF \$ Spent by group.	Match Other Cash	Match Inkind	Project Total
Antigonish Town & County Anglers Assoc.	\$3,200		\$3,200	\$1,139	\$2,371	\$6,710
Sackville Rivers Assoc.	\$7,920	\$2,080	\$10,000	\$14,925	\$1,250	\$26,175
			\$13,200	\$16,064	\$3,621	\$32,885

Additional Financial Notes

(2) Amount of 2007 or 2008 project advance groups holding and carrying for project completion / expansion (i.e. earmarked)	Amount	Rationale	Status 2009
Antigonish Town and County Anglers Assoc	\$3,200	2008 Project postponed to 2009	Project completed in 2009
Sackville Rivers Association	\$7,920	SRA has alternate source of funds for main river work. Therefore 2007 project funds of \$10000 total will be used in 2009 on habitat restoration in tributaries	Project completed in upper Little Sackville River in 2009

(3) Amount NSSA / AAS holding for project completion / expansion (i.e. earmarked) 2007	Amount	Rationale	Status 2009
ACAP Cape Breton	\$1,800	Project work plan only partial completed due to high water conditions etc, project to continue in 2009	Project completed. Hold-back issued in 2009
Cobequid Salmon Association	\$2,600	High water prevented full completion of work plan - postponed to 2009	Project completed. Hold-back issued in 2009
Sackville Rivers Association	\$2,080	Project in main river postponed to 2008 Used in 2009 on habitat restoration in upper Little Sackville R	Project completed. Hold-back issued in 2009

(4) Unspent funds from previous years redirected from particular projects to 2010 Funds available	Amount	Rationale	Rationale
	\$878	Unallocated 2007 (carried but accidentally dropped from 2009 budget)	2007 unspent funds
Antigonish Town and County Anglers Assoc	\$800	Project postponed to 2009	Project completed in 2009 under budget Amount unallocated to 2010 Projects
Stewards of the River Denys Watershed Association	\$1,400	Project completed under budget - holding for work elsewhere in watershed	Funds unused. Amount unallocated to 2010 Projects