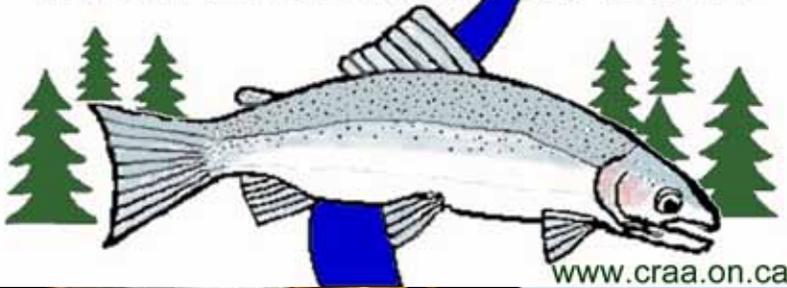


# CREDIT RIVER ANGLERS ASSOCIATION



www.craa.on.ca

# Light Lines

Journal of the Credit River Anglers Association

For more information, please visit us on the web: [www.craa.on.ca](http://www.craa.on.ca)

## Summer 2010

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### Fall Fishway Operations:

The Streetsville fishway has been repaired and is better than ever!

### Norval Fishway:

All final plans are in place for construction to begin.

### Upcoming Volunteer Opportunities (Pg9):

September 18th and October 2nd need volunteers. Contact CRAA or check out the message board for details

## Largest Steelhead Run in Over a Decade!

CRAA's research indicates the strongest population since the late nineties

*John Kendell*

CRAA's 2009/10 steelhead population estimate is in, and the results are better than we hoped. An estimated 6,500 steelhead ran the Credit in 2009/10, the best run since 1998! What's even better, 75% of the run was wild, again the highest level of wild fish seen since '98! And the future looks very bright with the record juvenile levels seen in tributaries and smolt migration. After comparisons to 1998, you have to go back to 1992 to find a better run of steelhead (estimated at 12-15,000 fish). The steelhead run in the Credit peaked between 1988 and 1992, this large year class was created through the combination of massive MNR stocking (80-180,000 per year) of yearling sized steelhead and significant natural reproduction in 1985 and 1986 when thousands of steelhead passed the Norval Dam and spawned in the upper river through Inglewood and the Forks of the Credit. Access past Norval stopped in 1987 when the dam was repaired and stocking was cut in 1990. By 1993 the run declined dramatically and CRAA has been fighting hard

to rebuild what was lost ever since.

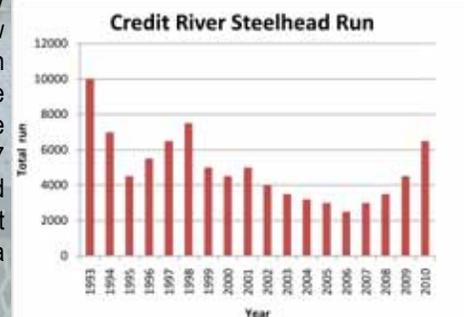


Early September Credit Steelhead

The steelhead population estimate is done yearly through a mark-recapture study. CRAA tagged 1402 steelhead between fall '09 and spring '10. The fishway was closed for manual lifts for the entire period, thus all wild steelhead were tagged. From April 1 trained CRAA members collect and record data on all spawned out steelhead caught and the location of the capture. The sample size this year was completed with a sample size of 280 fish caught, the highest sample size since 1998 as well. By looking at how many wild-tagged fish, how many wild-untagged fish and how many hatchery fish and in which reaches of the river we can calculate a fairly accurate population estimate. In 2007 the population was estimated at only 3,000 fish. With almost double the return over a

three year period, CRAA is optimistic that the work done is starting to pay off. The Credit can and should easily support a steelhead run of 15,000 to 20,000 and CRAA will not settle until we achieve full access for adult steelhead and brown trout as planned under the fisheries management plan. The massive river rehabilitation CRAA and other volunteer groups have done has further expanded trout and salmon habitat, but we still have tons more work to complete. Historically Atlantic salmon ran all summer long in the lower Credit River so we know the river has the potential to reach cool water status to the mouth. More riparian planting and ground water projects will help meet this portion of CRAA's goals.

The graph below shows the wild steelhead transferred by CRAA over the past two decades.



Since 1995 the total run was calculated using mark-recapture of tagged steelhead, fishway and angler data.

## Record Smolt Count in the Credit

*John Kendell*

Data from the Credit river tributaries where steelhead are transported during fish ladder operation is showing very exciting results through 2009. Steelhead juvenile biomass has jumped over 700% between 2005 to 2009. This is firm proof that CRAA's adult steelhead transfers are achieving everything we anticipated and more.

Holy smolts!...or as Louis said to me "what have we done?". CRAA adult transfers and two cold summers back to back have given us the Holy Grail – more smolts than I have ever seen. Opening day I must have hit over 1,000 of the little critters, with

over 98% being wild! Those barbless hooks I'm always pushing were a real bonus. The smolts just slid off the hook ready to head back to the lake! Joe Ward said it best "the smolts are steelhead in training". Joe and I shared a classic moment together on opener with Peter Cudzilo as we watched smolts attacking our floats, split shot and roe all at the same time in many of the runs we fished. In 30 years of steelheading I have never witnessed anything like it. It was WILD! Even back in February I was hitting 5-20 smolts per outing in the lower river. By April it went through the roof and post opener was just nuts (in a great sort of way). This bodes very well for 2011-2015 returns.

This massive increase in biomass has no other explanation than CRAA's adult transfers. Otherwise all these survey sites would be void of steelhead! There is no doubt the hard work has already started to pay off with wild fish returns exceeding 73% in 2010 and our best lift in 12 years at Streetsville.



Wild Credit river steelhead smolt

## John's Big Catch CRAA president receives national fisheries award from DFO

*Cameron Walker*

On June 16 John Kendell, president of CRAA since 1994 was in Ottawa to receive the very prestigious National Recreational Fisheries Award from the Department of Fisheries and Oceans (DFO). The award is the highest fisheries award in Canada and is given to five individuals or groups each year. Other recipients were from Newfoundland, New Brunswick and two from British Columbia. The

award is normally presented by either the Governor General or the Minister of Fisheries and Oceans. This year the Honourable Randy Kamp, Parliamentary secretary for DFO presented the awards in Ottawa. John was pleased to receive national recognition for his tens of thousands of hours of volunteer work he has committed to improve the Credit River and many other GTA tributaries. CRAA would like to congratulate John for this renowned achievement!



John Kendell with other Department of Fisheries and Oceans National Fisheries Award recipients

## Warm Water Species Trying to Take Hold Lower Credit benefits from upstream rehab work

*John Kendell*

For the past few summers CRAA has heard of multiple reports of walleye being caught at the lower reaches of the Credit River. We are not sure if this is a fluke of stray fish or if a small wild population is taking root. As habitat

stabilizes along the river mouth the potential of a small walleye population is exciting to many. If you catch or see a walleye around Port Credit please report to CRAA!

The Credit's smallmouth bass fishery is also stable and doing fairly well. Many

large bass up to five pounds have been reported and fish have been steady throughout the river. The bass fishery along the lower river and lakeshore has been decent, but is under utilized by anglers.

## Resident Brown Trout TRAGEDY

### Anglers need to push for wide open access

John Kendell

No, resident browns are not dying off, but they need our help. Some anglers that are closed minded and opposed to other species of salmon and trout have been pushing to prevent lower river browns and lake run browns from accessing the best spawning grounds in the upper river. Dams and peoples narrow minded focus on competition, rather than cohabitation has been stopping big resident browns from accessing vital spawning grounds. As the lower river has been improving from the millions of dollars in rehabilitation done by CRAA and many other groups, resident brown trout have been expanding their habitat. This past spring was a wonderful example, with many post opening day anglers reporting multiple catches of big resident brown trout, up to seven pounds! I guess I was the lucky one, with one around 7 pounds taken in the north end of Streetsville, south of the 401. This massive 25" resident brown was caught float fishing two weeks after opener. On this day Peter and I landed four large browns, as well as a dozen solid drop back steelhead. Browns were reported from almost every pool from Papermill Dam downstream to Erindale Park! I watched a group of big browns chasing minnows below Norval Dam in May and others sipping dry flies from a pool in Streetsville.

In the very recent history of trout and salmon fisheries many managers and biologists have learned there is more to

fish interaction than competition. Diversity, through maximum habitat accessibility is often the greatest source for not only developing a huge wild population, but buffering the population from harvest and weather impacts. Anyone hear of the term "biodiversity"?



*7lb Resident brown trout caught in lower Credit.*

Resident brown trout using the middle and lower river and generally much larger and less numerous than the Forks fly fishery section, yet these huge browns are a treasure trove of unique, huge genetics and have dramatically greater reproductive ability than the smaller resident browns more common in the headwaters. The huge lower and middle river browns are excluded not only from the population, but from any reasonable chance at reproduction by the impassible barrier at Norval. I cannot think of any greater tragedy for the resident browns than having these large fish stuck downstream to spawn in lower, degraded reaches where their eggs will be destroyed by ice jams in the winter and high water temperatures in the summer (just to name a few of the many items preventing successful

lower and middle river reproduction). These are the very same reaches that have kept wild steelhead and salmon numbers well below sustainable levels.

Discussions around lake run brown trout further support they are directly related and genetically the same as resident browns. Quite likely many of the lake run brown trout we see on the Credit are derived from resident trout that have simply dropped back and hit the lake. Coming back to spawn they too have been stopped. That is, until a CRAA initiative started in the past two years. CRAA with MNR and OFAH succeeded in transporting close to 50 adults each fall to a suitable tributary with the hopes of expanding the population of both resident and lake run browns. Juvenile browns have been showing in angler catches in the reaches where the adults spawned, thus giving us some optimism.

The closed minded fear of competition between species needs to open up and understand that fish can not only cohabitate, but by having full access can maximize the fish population and improve fishing for all species (residents included). Many resident brown anglers fear steelhead will ruin their fishery. Yet the top brown trout streams have huge numbers of wild steelhead. Think of such rivers as the Pine and Whiteman's Creek. Rivers with open access show tremendous species diversity and support record runs of salmon and trout, plus resident species.



## Hatchery Goes Electric

After nine years the CRAA hatchery gets the power it needs

*Joe Ward*

Back in 2001 CRAA brought hydro down near the hatchery, but a broken down trencher and lack of help meant the hydro stopped 160 feet short of its mark. The hydro boxes were installed and outdoor plugs built, but the system was not adjacent to the hatchery. The air pump was set up and hoses run, but we needed lots of extension cords and multiple cases of "Jimmy rigging" or as Louis would say "Johnny rigging", whenever we had a work day planned. Worst of all for the fish, we could not

install electric auto feeders or a filtration system. In April 2010 with plenty of volunteers we dug a trench to the hatchery down 18-22" and with the help of Peter Swift and his good friend Andy, we ran conduit and hydro to a waterproof storage box at the hatchery. To further improve it, a second trench was dug by Bob Wolf and hydro brought adjacent the main hatching tanks. Then a master plumbing job by a few volunteers and a new Ultra Violet filtration system was installed. With more electrical help from Peter and Andy another water proof box was added. The final stage of

upgrades is a full electrical UV system that was in operation as of May 15, 2010. The UV filter kills bacteria that occurs in the groundwater, this greatly improves fish survival in the hatchery. The bacterial problem was highlighted last year when the Atlantic salmon we raised had several die offs from the naturally occurring pest. The Brown Trout and Steelhead were also affected by a similar level of mortality, especially in the fry stages. Great work by all the volunteers, I am sure the fish will notice a huge difference!



CRAA volunteers and their families helping with the trench



Some of the vital plumbing that makes the hatchery work!

## As the Fish Grow so does the Team of Volunteers

CRAA volunteers work 365 days a year to keep fish happy and healthy

*Joe Ward*

The CRAA fish hatchery has done extremely well with a growing and dedicated team of volunteers. CRAA volunteers are at the hatchery every day of the year, that's 365 days! For this reason, more volunteers are always welcome! Feeding, cleaning tanks and checking on water flow are all daily

tasks. Egg picking occurs every spring and winter.

At print time CRAA has roughly 50,000 steelhead fry from 2010, 5,000 Atlantic salmon parr from 2009 and 30,000 steelhead smolts from 2009. The steelhead smolts will be released this September the allow for the 2010 batch of fish grow. CRAA has made a request

to add coho salmon and brook trout to our program with a target of 10,000 for each specie. So for 2011 CRAA is targeting 10,000 coho, 10,000 brook trout, 20,000 Atlantic salmon, 20,000 brown trout and 50,000 steelhead.

CRAA volunteers stocked over 30,000 brown trout, rainbow trout and Atlantic salmon combined in April of 2010.

## Classroom Hatchery Donation

Kendellhurst Academy helps raise funds for CRAA hatchery

*John Kendell*

Children from Kendellhurst Academy raised and donated \$325 to CRAA to help the CRAA hatchery. The money was raised through a school fish sponsorship program. The kindergarten classes have an Atlantic salmon

hatchery education program set up by John Kendell (CRAA President) to increase awareness and add to the curriculum. Thank you to the students and their parents for sponsoring fish like 'lightning and Dora' to help the CRAA hatchery!



## Slammin' Salmon in Lake O! Lake Ontario sees huge back-to-back seasons for anglers

*Justin Elia*

The past two summers Lake Ontario has been at or near its record catch rates for salmon and steelhead based on NYSDEC creel data. 2010 has been better than many veterans can remember, with anglers racking up some major catches. I had a 60 fish morning off Port Credit, topped by a tagged CRAA steelhead! Another Day John and I boated a 32 lb king in June and a 7 pound Atlantic! My first day fishing during the derby we boated 28 salmon and steelhead, with nine adult kings!

The fantastic lake fishing is very promising, but we must remain cautiously optimistic. The salmon are larger than they have been in a decade, suggesting bait fish have recovered. But salmon numbers are also at record levels based on catch rates. Managers must be careful to balance prey fish with baitfish so we avoid crashes like the ones that have occurred in many other Great Lakes. With two record year classes of steelhead coming out of rivers around the lake and more Chinook reproduction than many anglers and managers believed, it will be an exciting time in Lake Ontario's fishery.



## Pacific Salmon Numbers Dwindling in the Credit? CRAA addresses common concern over fewer Pacific salmon numbers

*John Kendell*

In the past decade several research papers have estimated between 40-70% of the Chinook salmon in Lake Ontario are wild. Many lake anglers have balked at this figure saying the fishery is solely the result of stocking. The misinformation about wild salmon spread by a small handful has further fuelled the disbelief of wild salmon production in the lake. But back in 2008 NY and Ontario began a fin clipping program for every Chinook salmon stocked. In the summer of 2010 fish under 10-12 pounds are now in the first and second cohorts of the marking program giving anglers and managers a firm answer on wild Chinook salmon. The result thus far are supporting past research results! At this time, out of a sample size of CRAA members keeping a log, roughly 50-60% of Chinook salmon catches have been wild salmon. Wow! However,

once you factor in NYSDEC estimates the Salmon River pumps out between 4 and 10 million salmon fry annually, you quickly understand wild fish numbers. Many eastern GTA tributaries have huge salmon runs without stocking at all. NY and Ontario collectively stock about 3 million Chinook each year.

Port Credit anglers have complained our local salmon fishery has declined, and it has. This is a result of Ontario's stocking being spread out across the north shore to other ports as well as the massive boost in wild salmon production. Chinook salmon are stopped from accessing the middle Credit and therefore have very limited reproductive capability in the river. CRAA believes we need to re-examine the Chinook access and consider wide open access for salmon to at least Norval. Chinook salmon management in Ontario will also need a review as the wild salmon data carries into

the main adult population in summer 2011. Ontario is not managing for wild salmon, but it looks like we should be! The early data suggests that stocked Chinooks are very important, but so are wild Chinooks and balancing wild and hatchery fish levels to meet baitfish levels will be vital to ensure we avoid a similar fishery crash to the one that was seen on Lakes Michigan, Huron and in Georgian Bay in recent years.



Stocked (adipose fin clipped) chinook Salmon from Lake Ontario

## CRAA's State of Affairs

What's been happening? EVERYTHING!

*Cameron Walker*

As highlighted in the last newsletter, we blew the record book out of the water this spring! With a record fall lift and transfer already complete, the record was easily smashed in just a few days this spring! CRAA has been operating the Streetsville fish ladder since 1990 and never have we seen lift action like the spring of 2010. The story really starts last August (2009) when the very first wild steelhead of the season appeared a week before Labour Day. Sure it was just little one shaker, but that was our first August steelhead lifted ever! Early September saw a few dozen steelhead lifted and reports of catches in the lower river (like had not been seen since the 80's). By November it was clear we had our best fall steelhead run in at least a decade! By December CRAA volunteers had collected and transported almost 600 wild steelhead from below Streetsville to a tributary upstream of Norval! Keep in mind prior to 2008 we had never lifted more than 20 fall steelhead and never transferred a single one! Another thing to keep in mind is that most fall run steelhead still spawn in spring, but often spawning is done in March or early April (quite a bit earlier than the main run). The majority of steelhead captures came through the Atlantic salmon collection process via angling as the fishway remained in poor shape to draw fish in low water! See the photos in the Streetsville repair article to see the huge improvements.

With above average fishing throughout the winter CRAA managers were looking forward to a solid spring lift.

Little did we know what week one would throw at the volunteers. A sudden heat wave in late March, combined with our best run in 12 years meant volunteers were swamped with chromers to lift and transfer. Mark Polanski and John Kendell opened the fishway at noon on March 26th, 2010 and installed the fish screen to trap fish. John insisted on a lift that night, hoping to lift 50 or so fish to get the team back in the groove... The fish had other plans! After lifting 237 on opening night (with the fishway open for just 4 hours) we knew it was going to be a crazy week! Every night was just plain crazy, with 180 to 350 fish per lift coming through the fishway for a solid week. The net just kept coming up from the fishway with 4-6 huge bows on every scoop for hours and hours a night. It was a truly exhilarating time for all!

For the past three years CRAA has set new records for fish lifted and wild fish transferred on the Credit. This year those records that CRAA had been chipping away at melted in the blink of an eye. Volunteers and equipment were pushed to the limit, with as many as four transfer drives per night and stacks of recorded information piling up. One of CRAA's original members Oli Hajny was our chief record keeper and was on hand almost every night with a stiff shoulder and cramping hand from writing down all of the data. The fish were hot, and plentiful with the smiles on volunteer's faces telling the story. There was special satisfaction for the leadership team who have been working on the transfers since 2005.

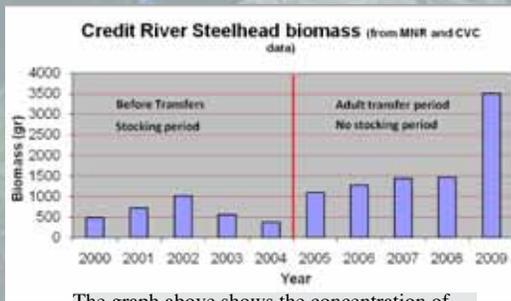
Beyond the record lift (over 2000 fish),

being the best run since 1998 (6,500 total fish) and a record transfer of fish (1402), the details of these records are what excite biologists like John and Brian Morrison. Wild fish levels hit 75%, the best since the record year of 1998 with 82% wild. But the number of small fish, maiden spawning steelhead at ages 3,4 and 5 were the highlight. Age 5 steelhead were up almost 200% above the 10 year average. But four year old steelhead were up over 300%! These are the hot 4-5 pounders that typically have two years in the lake in addition to two stream years as juveniles. And shakers, the little 1-2 pounders were up over 200% as well. The age four group also exceeded 90% wild! This massive increase can only be attributed to one thing. Adult steelhead transfers from the hard work of so many CRAA volunteers. A JOB WELL DONE!

Every angler who hits chrome on the Credit owes a thank you to the many dedicated volunteers. John Kendell has been running the ladder since 1993! Other decade plus volunteers include Mark Polanski (who started when he was only 12!), Oli Hajny, Rick Matusiak, Richard Symanski, Pete Pettos and Mark Heaton from MNR. The key volunteers who have been a vital link to the project since 2003 include Louis Milo, Justin Elia, Joe Ward, Wayne Vierhout, Ken Patterson, and myself. Without a doubt the man we all owe a huge debt of gratitude to is Dave Leschied. Dave works downtown in an IT management position with BMO. Yet every day in spring he escapes from the office by 5PM and drives through rush hour

traffic to get to the fishway for 20-30 days straight. Out of his suit and into waders, Dave is the point man who makes sure the last transfer is done, even if he has to stay past midnight, soaked to the bone. But the list of giving beyond the call is not limited there. Many of the key CRAA volunteers have young children and professional careers we need to balance. John has been donating over a 1,000 volunteer hours per year for 20 years now and has two small children that are often out to help too! Justin had a one month old baby girl during the spring lift this year and Rick Symanski has a baby daughter as well. Joe Ward, CRAA's hatchery manager also had his second daughter just before the fishway operations started. His older daughter, Emily (6), is often helping at the hatchery just so Joe can get out of the house... shh, don't tell his wife! Louis has three young children and also coaches two baseball teams! This highlights the ability that everyone reading this article has to find the time to volunteer. Even when your family and work life are busy, your passion for fishing and conservation can and should be near the top of your priority list. So please take a chapter from these guys and find a day or a week to volunteer for CRAA to help make the fishery better! CRAA would like to send out another huge thank you to the over 150 different volunteers that stepped up in 2010 to help with the lift and transfers! Your commitment to conservation

is truly appreciated! Fantastic job, THANK YOU EVERYONE!!!!



The graph above shows the concentration of steelhead in the Credit over the past decade.



## Streetsville Fishway gets much needed maintenance Improved channel looks to draw more fish through ladder

*John Kendell*

Finally!!!! After many years the fishway entrance has been repaired by CRAA and MNR. Thanks to Kraft Canada for the continued support and access to ease CRAA's volunteer work too! John has been working with MNR to fix the fish ladder entrance for several years since a DFO project messed up the flow of water exiting the fishway known as the attraction flow. The past three years CRAA has proven that 1/3 of the steelhead run is not getting past the Streetsville dam, and only half of the fish that do are using the fishway. This means we are missing a ton

of strong wild fish and 1/3 of the run are not having any reproductive opportunities! The many fishway volunteers know the fishway entrance has been filled in each spring with sand and gravel from floods. The new channel has been moved slightly to prevent the sediment filling and other minor changes have been made in hopes of a more effective attraction of fish. This would greatly improve the fishway for lifting Atlantic salmon, steelhead and Pacific salmon! Keep in mind that 98% of the juvenile trout habitat is located above the river's second dam (Norval), so getting past Streetsville is the first important

step. Habitat between Streetsville and Norval is poor for cold water reproduction so this section will serve as a migration corridor and with limited juvenile habitat in summers where temperatures remain low and water levels high (like 2008 and 2009). Getting as many fish as possible past both Streetsville and Norval dams is necessary to ensure a wild, self sustaining trout and salmon population! During the construction phase the channel was separated from the river by a berm and silt fence to ensure sediment was trapped.

### Before



Streetsville fishway channel before... clogged with silt and debris. Few fish found the ladder.



### During

Streetsville fishway channel during... The large excavator shown above took only a few hours to complete the job.



Streetsville fishway channel during... The work crew re-arranged the armour stone along the fishway channel to decrease the possibility of the channel silting in during spring floods.

### After



Streetsville fishway channel after... CLEAR PATH for all fish to locate and use the ladder!



Streetsville fishway channel after... It's sooo deep that John decided to take a swim!

## Credit River Anglers Association

Light Lines

Editor: Cameron Walker

Contributions are welcome from all members and non-members alike

Send your articles to [cameron.walker@utoronto.ca](mailto:cameron.walker@utoronto.ca) or

128 Queen Street South  
PO Box 42093  
Mississauga, Ontario  
L5M 1K8

CRAA would like to thank the following individuals for their contribution to this newsletter:

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Derek Konieczny

Etobicoke Creek Coordinator:

Ken Paterson

Bronte/16 Mile Creek

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John Kendell

## Atlantic Salmon Update

Returning Atlantics are getting bigger and more plentiful

*John Kendell*

Atlantic salmon are returning in ever increasing numbers to the Credit River. Catch rates in Lake Ontario have also jumped since 2009, with NYSDEC annual creel studies estimating close to 1,500 being caught last year. Reports from around the lake are becoming more common on the north side as well, even though stocking has been minimal when compared to other species. Large Atlantic salmon have also begun to appear, with numerous catches breaking the 20 pound mark, and many more showing in the 7 to 15 pound range. The news on the Credit River is very positive. 2010 should have the largest run of Atlantic salmon since the late 1800's! Based on stocking levels and returns in 08 and 09, CRAA is estimating 150-200 Atlantic salmon will return. The majority will be grilse (3-6 pound fish), but we should see a few dozen adult Atlantic salmon ranging from 7 to 15 pounds.

The first fresh run Atlantic salmon was reported caught in the Credit on April 17, 2010 in the lower river. That beats the 2009 record by three full months! Fresh fish have been reported every month

since by anglers, albeit in very low numbers. Still, catch reports to date exceed the total run in 2008! Recent rains seem to have brought a few more small pods of fish to the river and they have survived the early September heat wave just fine! Based on angler reports and counts from the fishway we are well on our way to exceeding our run forecast. Please keep in mind we cannot give details on transfers and lifts at this time to avoid poaching and anglers seeking a 'trophy'. In a few years they will hopefully be common enough that catching one will no longer be considered a once in a lifetime event.

The success of the program truly has two parts. The first is OFAH and MNR increasing their stocking of the fry, fall fingerlings and yearlings since the new program began with corporate sponsor Banrock Station Winery. But the equally valuable component is the stream rehabilitation and fishway repairs done by CRAA. Without CRAA's hard work over the past 20 years any returning Atlantic salmon would be doomed to die of heat stress or be stranded below the Streetsville Dam. CRAA's adult collection in 08 and 09 has

also proven that the program is working, fish are returning, and CRAA volunteers working with MNR and OFAH crews have ensured fish can reach suitable spawning grounds.

Atlantic salmon can withstand temperatures as high as 30C allowing them to withstand some very hot summer weather. Thanks to CRAA planting 400,000 trees and many other projects, the lower river rarely, if ever exceeds 30C in summer and temps are dropping every year as the shade grows! Steelhead and browns can handle about 28C, meanwhile Chinooks and coho die at 26-27C.

The MNR also stocked about 300 adult Atlantic salmon that were spare from their hatchery. Many of these fish have been caught since opening day, but are most often mistaken as brown trout. Due to the hatchery's confined space they tend to have many more black dots, rounded or missing fins and blunted noses. These fish are not being counted when studies are completed on fresh run fish numbers. However anglers need to be careful and ensure you ID your fish properly if you plan to retain it.



John with a Lake Ontario Atlantic



20lb+ Atlantic Salmon from Lake Ontario



Justin with a Lake Ontario Atlantic

## Upcoming CRAA Volunteer Events

**September 18, 2010 - 9am**

**Black Creek tree planting**

*Keep an eye on the CRAA message board for meeting location.*

**September 19, 2010**

**CRAA Hatchery Stocking**

*All required volunteers have been confirmed.*

**October 2/3, 2010 - Time / Date to be confirmed**

**Hatchery Upgrades**

*Contact Joe Ward on the message board if you would like to attend.*