




TOBYHANNA CREEK  TUNKHANNOCK CREEK  
WATERSHED ASSOCIATION  
P O BOX 796  
POCONO LAKE PA 18347-0796

Phone: (570) 643-2001

Web Site: [www.tctcwa.org](http://www.tctcwa.org)

### PRESIDENT’S MESSAGE

By Larry Gould

As Springtime approaches, our thoughts turn to the warmer weather, outdoor activities, and the whole cycle of rebirth and life. As we spend more time outdoors, we should be aware of our environment, taking it in like a sponge taking in water. We should take extra time to look around and enjoy all the beauty and splendor that makes up our fantastic environment. Flora and fauna alike, shrubs and trees, earth and grass, insects and microorganisms all count in the grand scheme of things. All of the wonderful environmental elements that help make up our beautiful watershed should be appreciated and protected each and every day.

As we experience more and more development in our area, we lose more and more of our natural environment. While development is not necessarily a dirty word, overdevelopment is. We are on the cusp of a very concerning situation, in that our watershed is being developed at such a rapid rate, that we are heading towards overdevelopment. We need to steer development in a way that protects our environment. We need to educate developers and form a moral partnership with them so that we all benefit. We need to insist on certain controls which shall serve to help protect our watershed.

Someone once said to me that we should “protect land, ‘cause they’re not making any more of it”. I feel the same about our watershed. We need to protect it, because they’re not making any more of it. Once it is gone, it is too late to act. With this thought and sentiment I urge all of you to get involved, voice your opinion and be a part of the solution. Let your voice be heard to your local officials, as they need your voice to help guide them in protecting our environment. Play a role in helping protect your watershed. A little effort goes a long way in helping to preserve and protect our pristine wonderful watershed.

At this critical time I call upon all of you to raise your voices and act. Here at the Tobyhanna Creek/Tunkhannock Creek Watershed Association we need your help as well. I personally invite you to get involved with the Association, come to the monthly meetings, and serve on our esteemed Board of Directors. We need YOU to take the first step. The time you give might be minimal, yet the impact can be great. Please get involved and stand up to protect this great watershed. Start by contacting us today and join us in our ongoing efforts to “do the right thing”. I personally invite you to get involved, and look forward to hearing from you soon.

Sincerely,

Your President  
Larry Gould

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**Inserts**

- Call for Volunteers
- Contribution Schedule

<b>BOARD OF DIRECTORS</b>	
2009/2010	
Officers	
Larry Gould	President
William Nathan	Vice-Pres.
Paula Guenst	Sec’y/Treas.
Directors	
Robert Eddy	
Allen Rodriguez	
Frances Daidone	
James Davenport, EAC, Tunkhannock Township	

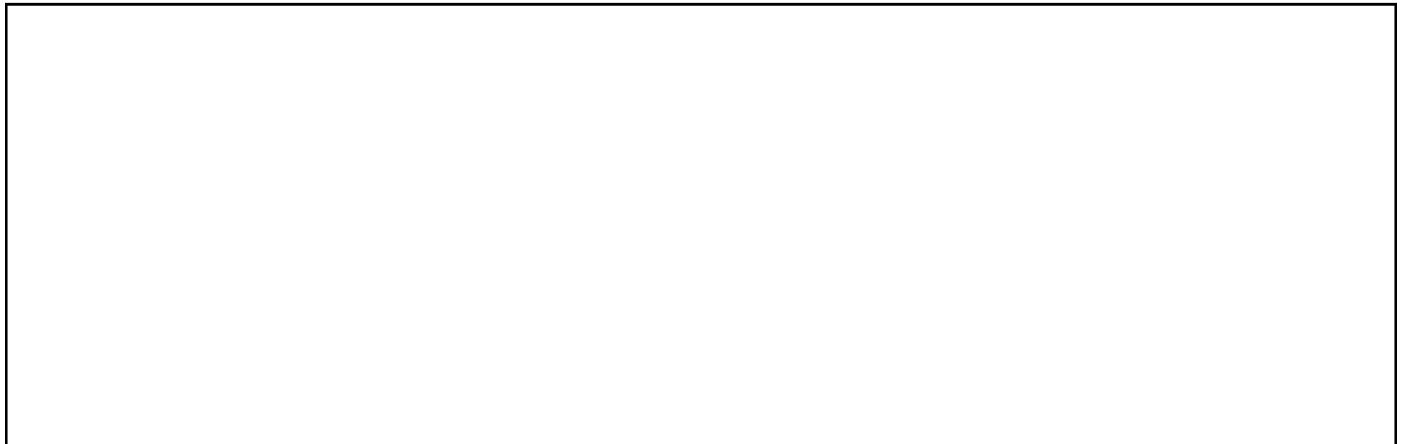




**VOLUNTEERS NEEDED- NO EXPERIENCE NECESSARY**

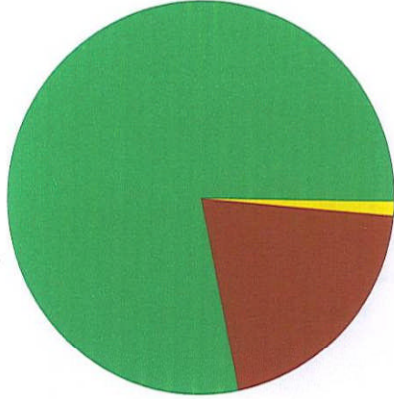
The TC/TCWA needs your help as a volunteer. There is no experience necessary. Please contact us to become an important part of our organization by volunteering a little of your time. Volunteering is a fun, rewarding experience. Your help is always needed and appreciated. There are many part time volunteering opportunities available. We would also like your thoughts, ideas, and suggestions. Contact us or drop by and visit us at one of our monthly Board meetings which take place on the fourth Thursday of every month 7:00 PM at the Nature Conservancy building in Long Pond.

Please get involved in your watershed. Just ask us how !





Income Summary  
January through December 2009



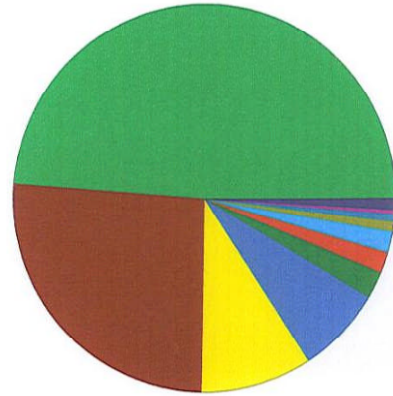
Income Summary

4000 · Member Dues	\$5,515.00
4100 · Grants	1,440.00
4999 · Interest Income	73.04
<b>Total</b>	<b>\$7,028.04</b>

Expense Summary

6260 · Printing and Reproduction	\$4,749.88
6670 · Program Expense	2,548.88
6180 · Insurance	926.00
6130 · Sec'y/Bkcp Expense	720.00
6810 · Web Site	222.82
6250 · Postage and Delivery	183.45
6230 · Licenses and Permits	175.00
6300 · Repairs	89.38
6340 · Telephone	68.22
6290 · Rent	44.00
6140 · Contributions	25.00
<b>Total</b>	<b>\$9,752.63</b>

Expense Summary  
January through December 2009



**ANNUAL MEETING**

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### **MONITORING MATTERS**

Over the past year, we have been working to improve our stream monitoring program. Stream depth gages, which had been washed away in the major storms of recent years, were replaced. We have recorded GPS coordinates for, taken photos of, and remapped all monitoring sites. This winter, several years-worth of data was entered into spreadsheets, which we will be using to log our data from this point forward. This year, we will continue to strengthen the monitoring program through a meeting of our volunteer stream watchers in June. If you would like to become a volunteer stream monitor, please call us at 570-643-2001 (leave a message), and we will set you up with a site and train you to perform this simple task that takes just an hour of your time once per month.

## 2009 MACROINVERTEBRATE SURVEY OF THE TC/TCWA WATERSHED

This past fall was the thirteenth year for our macroinvertebrate survey of the watershed. A total of seventeen sites were surveyed, six by the County Planning Commission and eleven by the TC/TCWA. The survey is conducted by collecting and counting the number of benthic (bottom-dwelling) macroinvertebrates (animals without a backbone which can be seen by the naked eye) in each of the represented taxonomic groups. Each group varies in its sensitivity to pollution, making these critters great indicators of water quality.

The results for the six sites sampled by the County will not be available until late spring. The following list shows the biological assessment rating of the eleven sites sampled by the TC/TCWA from highest to lowest quality.

### Optimal:

**Frame Cabin Run**

**Pollys Run**

**Two Mile Run**

**Beaver Creek at Upper Tunkhannock**

**Toby upstream Pocono Lake**

**Toby upstream Dream Mile Club**

Due to steady rains, 2009 was a year of consistently higher flows than average. These higher flows kept the stream channels full of water, maintaining the availability of space for in-stream habitats. Large storms, which cause scouring of the stream substrate, were avoided. Thus, natural conditions were ideal to receive good scores at most of the sites.

Frame Cabin Run, our “Exceptional Value” reference stream received the highest obtainable score of 30. The Tobyhanna Creek upstream of the Dream Mile Club received an optimal score of 26 for the first time in many years, likely due to the increased steady flows.

### Slightly Impaired:

**Toby upstream Pollys Run**

**Toby upstream Hummler Run**

**Upper Tunk upstream Pocono Lake**

The higher flows were not sufficient to remove all streams from the impairment category. Two of our smaller streams (Pocono Summit Creek and Hawkey Run), which both flow from a lake and underneath I-380 on their way to Stillwater Lake, received scores of 18 and 16 out of 30, indicating moderate impairment. This improvement from the severe impairment indicated in the 2008 scores for both sites is a reflection of the affects of flow on aquatic life.

### Moderately Impaired:

**Hawkey Run West I-380**

**Pocono Summit Creek West I-380**

### Severly Impaired: NONE

Pocono Summit Creek has historically been impaired. This is likely due to the existence of upstream and downstream lakes. Lakes contain warm, low-oxygen, slow-moving water, which is not ideal for aquatic stream life. Hawkey Run continues impacted by a malfunctioning wastewater pump station within the Stillwater Lakes Civic Association community on the east side of I-380. This impact is reflected in the macroinvertebrate score. The operators of this station and the DEP are aware of the TC/TCWA’s concern on this matter and have been looking into alternatives to solve the pollution problem.

For additional information on The TC/TCWA’s stream watch program and a link to the macroinvertebrate sampling data, visit our website at [www.tctcwa.org](http://www.tctcwa.org).

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18347  
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Please consider renewing your  
subscription.  
We need your help and support.

**MAY IS  
WATERSHED AWARENESS MONTH**

**ADDRESS SERVICE REQUESTED**

POCONO LAKE PA 18347-0796  
P O BOX 796

**TC\TCWA\TCWAS**

## MARK YOUR CALENDARS FOR UPCOMING EVENTS

Monday, August 16, 2010 – 7:00 pm: TC/TCWA Annual meeting.  
Location: The Nature Conservancy on Long Pond Road in Long Pond,  
PA. We are looking forward to seeing you there!





## **A Call for Volunteers -- Join Us!**

If you are interested in participating in the successes of the TC/TC WA through the donation of your time, please complete this form. We will try to match your skills, interests, and availability with a suitable project or task.

Name: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

### Skills: (check all that apply)

- Computer
- Administrative
- Writing
- People skills
- Manual labor
- Accounting
- Biological, chemical, or physical sciences
- Other \_\_\_\_\_

### Our current and future needs: (check any of interest)

- Semiannual litter cleanup (Spring and Fall)
- Stream monitor (monthly)
- PA Watersheds Database data entry (monthly)
- Invasive plant inventory (future project)
- Web master (ongoing)
- Income tax returns (annual)
- Newsletter article writer (ongoing or as needed)
- Grant writer (as needed)
- Volunteer coordinator (ongoing)
- Board member (monthly meetings and ongoing)
- Educator for TC/TC WA Power Point and wetland trail programs (as needed)

### Availability: (check all that apply)

- Year-round (long-term)
- Over the summer (seasonally)
- On an as-needed basis (short-term)

Please mail completed form to:

TC/TC WA

PO Box 796

Pocono Lake, PA 18347

Thanks for your interest!

**REQUESTED CONTRIBUTION SCHEDULE**

Single Membership \_\_\_\_\_ \$20

Family Membership \_\_\_\_\_ \$30

Corporate Membership \_\_\_\_\_ \$150

Adopt-A-Stream Membership \_\_\_\_\_ \$300

(This membership covers the cost for all tests  
at a given stream site for one year)

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

\_\_\_\_\_

City

State

Zip Code

IS THIS A CHANGE OF ADDRESS      YES ( )      NO ( )

Would you like to receive the e-mail agenda and minutes of our board meetings? If so, please include your e-mail address if we do not have it. \_\_\_\_\_

COMMENTS

Please make checks payable to TC/TC WA and mail them to:

TC/TC WA  
PO Box 796  
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