



PLANNING A CONSERVATION PROJECT

Essential steps from start to finish



PLANNING A CONSERVATION PROJECT

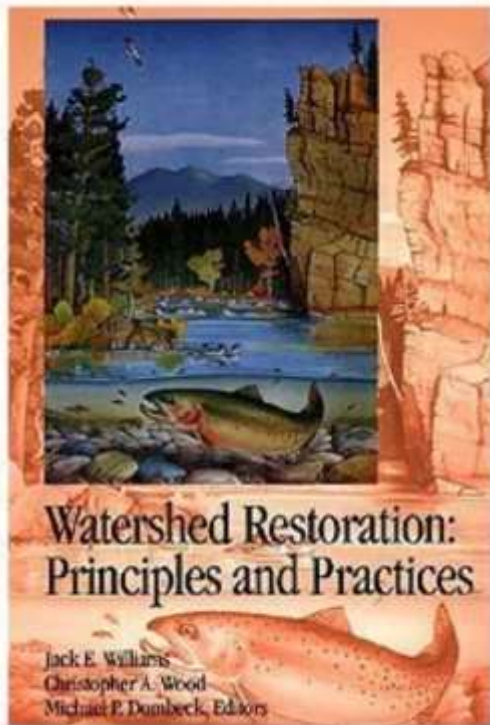
Essential steps from start to finish



PLANNING A CONSERVATION PROJECT

Essential steps from start to finish

A Quick Commercial Interruption from Our Sponsor



Watershed Restoration: Principles and Practices

\$0.00 - \$46.00

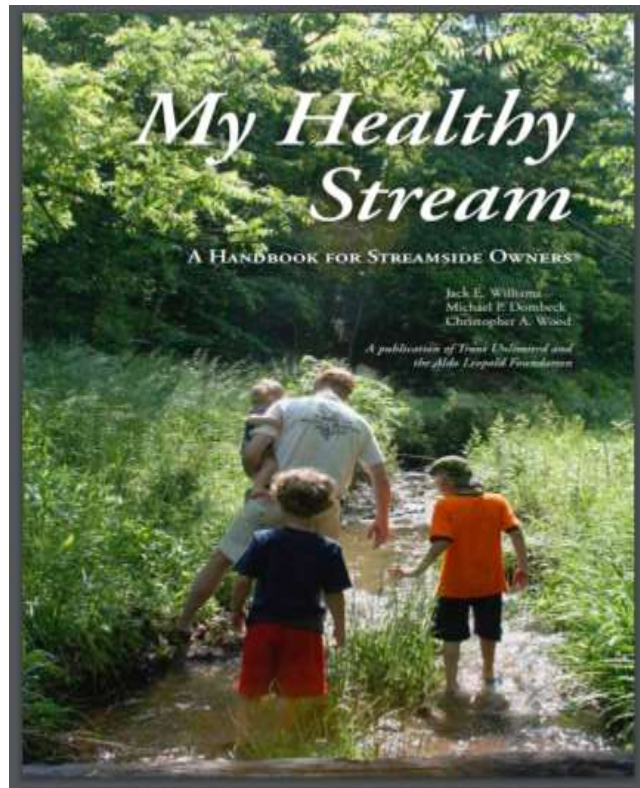
watershed

Choose an option ▼

1

ADD TO CART

SKU: x55024xm Category: [Professional and Trade](#)



STEPS TO CONSERVATION PROJECT SUCCESS



1. Identify Project Location
2. Raise Funds
3. Complete Work

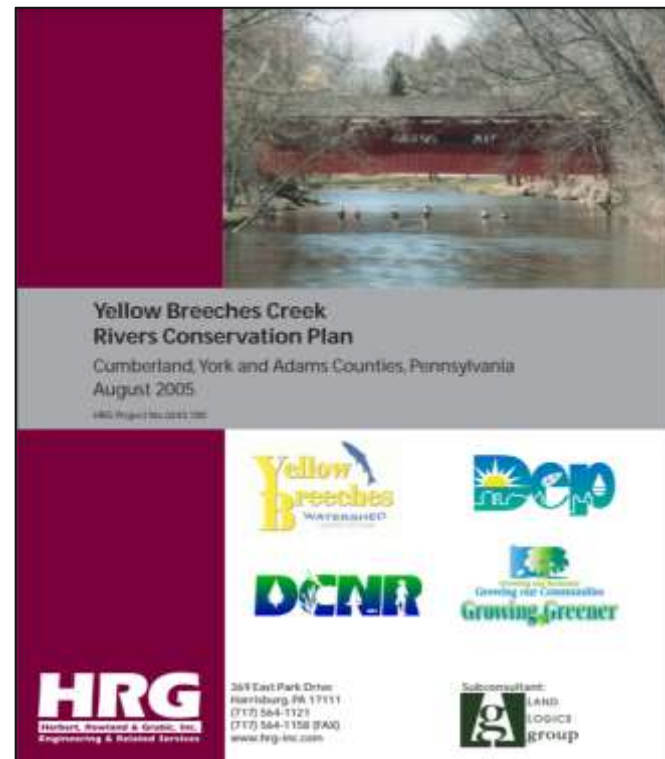
STEPS TO CONSERVATION PROJECT SUCCESS

- ☞ Plan & Partner Before You Start
- ☞ Assess & Prioritize
- ☞ Right-Size & Reality Check
- ☞ Raise Awareness & Funding
- ☞ Develop Plans & Engineering
- ☞ Complete & Submit Permits
- ☞ Raise Awareness & Fundraise
- ☞ Select Contractors Wisely
- ☞ Manage All Aspects of the Project
- ☞ Report & Re-Assess
- ☞ Raise Awareness & Funding

Plan & Partner Before You Start

- Who Is Already Out There Doing This?
- What Have They Done?
- Who Are They & What Is Their Mission?
- What Do They Think Is Important?
- What Do They Think Our Role Should Be?

- Natural Resources Conservation District
- Pennsylvania DCNR
- Pennsylvania Fish & Boat Commission
- Yellow Breeches Watershed Association
- Central Pennsylvania Conservancy



**Yellow Breeches Creek
Rivers Conservation Plan**
Cumberland, York and Adams Counties, Pennsylvania
August 2005
480 Project No. 0001-000

Yellow Breeches Watershed
DCP
DCNR
PA Fish & Boat Commission
Growing Greener

HRG
Hydrologic Assessment & Construction, Inc.
Engineering & Related Services

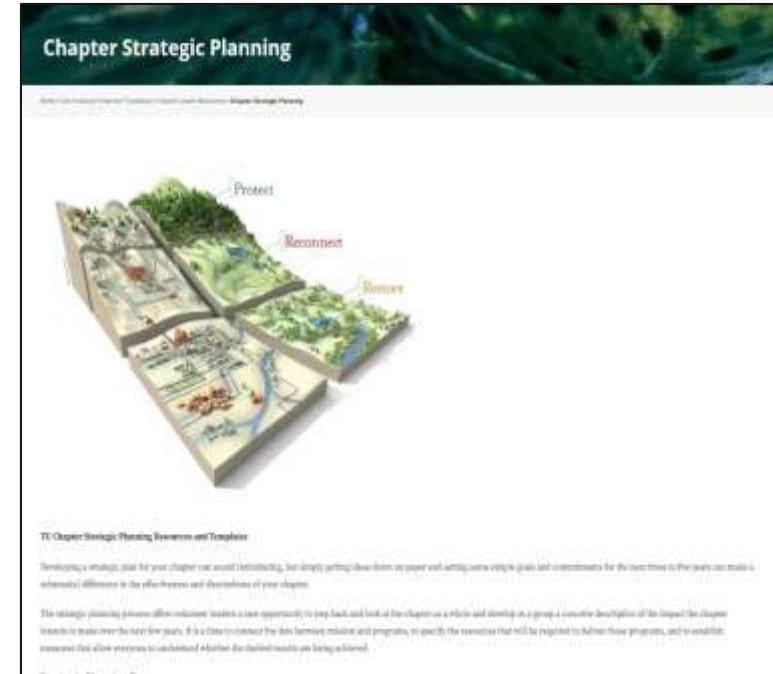
369 East Park Drive
Harrisburg, PA 17111
(717) 564-1121
(717) 564-1158 (FAX)
www.hrg-inc.com

Subconsultant:
LAND LOGIC group

Strategic Planning Leads to Conservation Success



- ✦ Develop a Plan with Clear Goals & Measurable Outcomes
- ✦ Define Projects to Achieve Those Goals Over a Set Period
- ✦ Create A Budget to Fund Those Projects and Meet Those Goals
- ✦ Build Your Case
- ✦ Seek Funding



The Intersection of Need & Opportunity



Where chapter strategic plans are made



Gathering Your Resources



- Money
- Time
- Expertise

Two Guiding Questions to Ask



- 1. What would it take to...?**
- 2. Are we going to...**
 - Buy It?
 - Build It?
 - Borrow It?

BUY It: Hiring Out the Work



How would you find potential contractors?

Who can point you in the right direction?

How much will it cost?

How will you raise the funds to pay for it?

BUILD It: Growing Chapter Capacity



How would you find members with the skills and time you need to develop into leadership?

Who's responsibility is it to find them and build the relationship?

What are the leadership development steps and opportunities you can employ to grow the skills needed in existing and future volunteers?

BORROW It: Partnering for Success



What aligned organizations or agencies already have the expertise to do this?

What is their mission?

What specific needs do they have that you can satisfy?

Case Study: Conservation



Your chapter's strategic plan calls for a 5-year goal of restoring a total of 1 mile of Curtis Creek.

One of the projects identified is to conduct a river riparian buffer planting at Main Street Park.

What would you need to know and do to implement this strategy?

Case Study: Conservation



COST (What materials and plants do we need?)

DESIGN (What are the planting best practices?)


PERMITTING (Do we need a permit? From whom?)

LABOR (How many volunteer hours will it take?)

COMMUNICATIONS (How will we get the word out?)

PARTNERS (Who can we partner with on this project?)

Assess & Prioritize




**STREAM
TEMPERATURE
MONITORING**

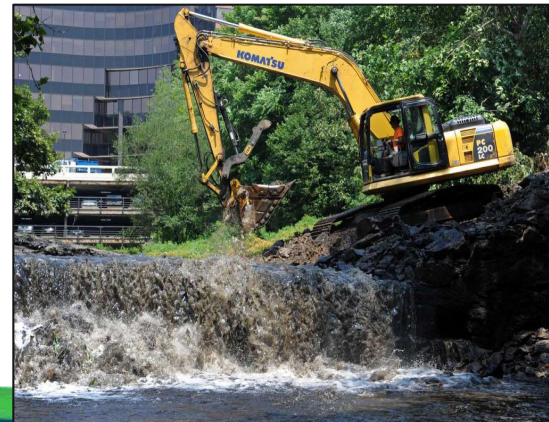
By: Dan Dauwalter, Kurt Fesenmyer, Paul Holden

A Handbook
for Trout
Unlimited
Chapters

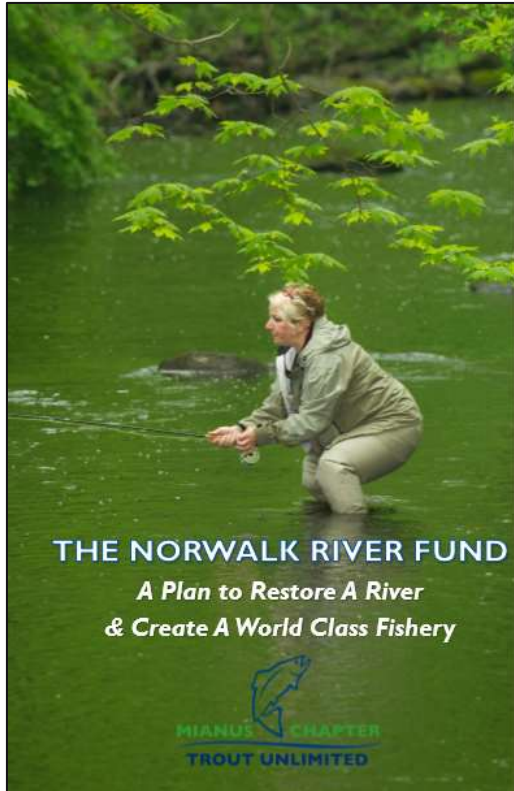
Version 3, 2018



Right Size & Reality Check



Raise Awareness & Funding



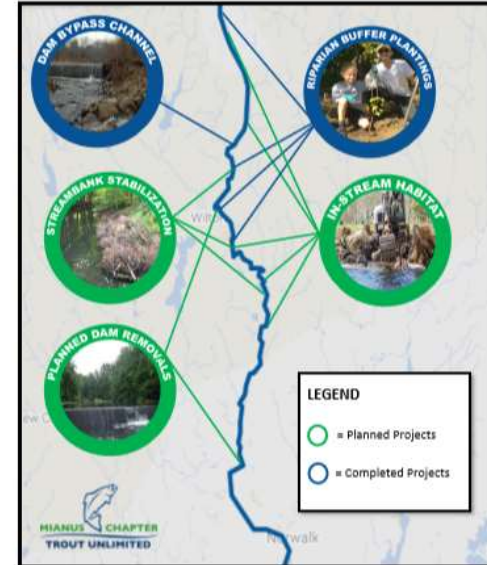
The Norwalk River Fund represents a unique opportunity to transform a river we all love into a thriving trout fishery.

Over the past two decades, we have worked together to restore this great river and have seen incredible results. Now, we're ready to take this effort to the next level by harnessing the plans we have developed, the partnerships we have built and the commitment you have shown to making this vision a reality.

With just a few short years of focused, scaled-up efforts, we will bring to bear all the resources at our disposal to restore damage from flooding and development, improve habitat for growing more and bigger trout, reconnect nearly 12 miles of stream through dam removal and bring the best fishing in the East right here to Fairfield County!

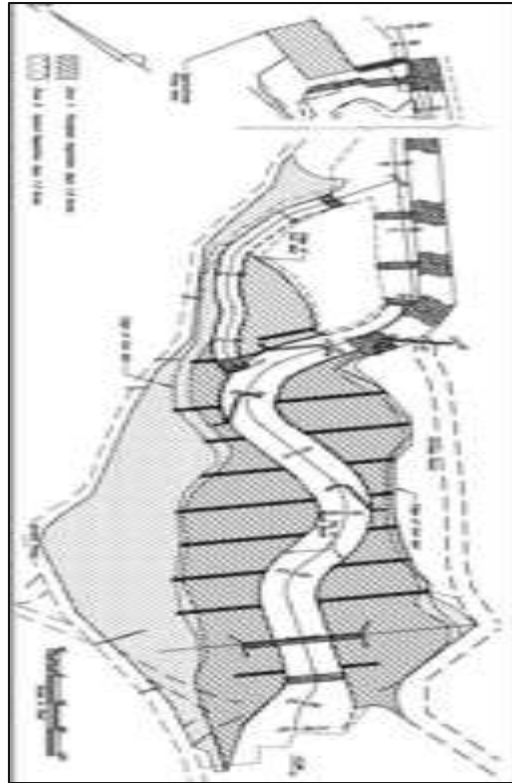
Join us as we launch this exciting and impactful new initiative!

*If you take care of the fish,
the fishing will take care of itself.*

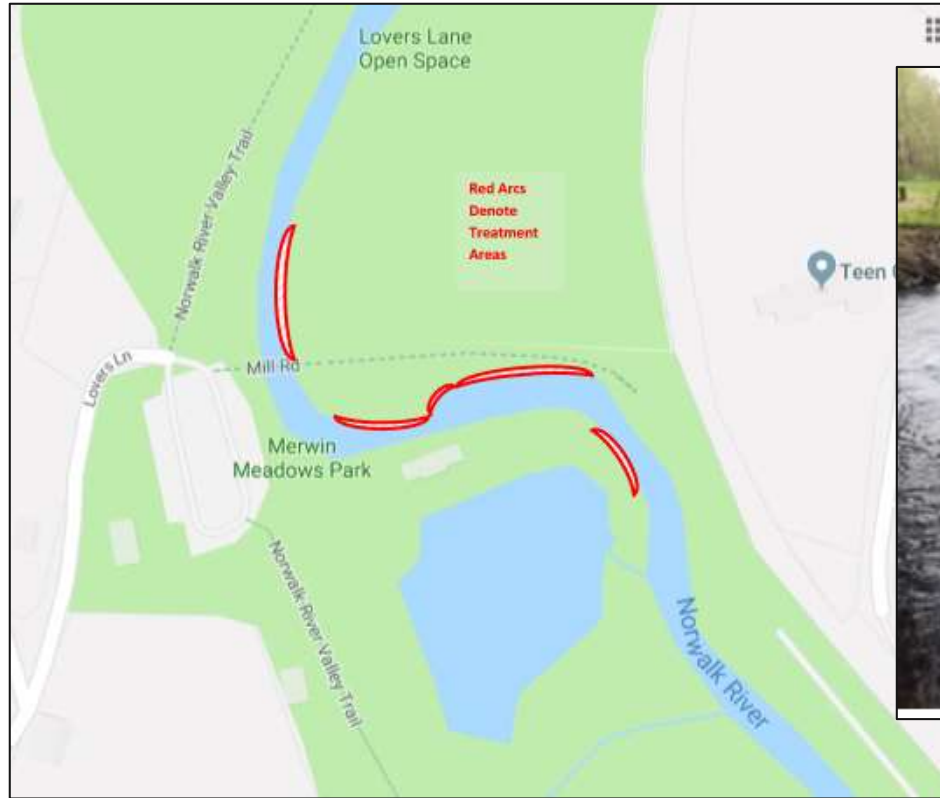


Since 1995, the Mianus Chapter of Trout Unlimited has completed more than two dozen habitat improvement projects on the Norwalk River. These efforts have resulted in measured improvements to water quality and temperature, as well as a threefold increase in trout populations according to state electro-fishing data. What's more, they have leveraged grant and private dollars with tens-of-thousands of volunteer hours for a combined value of over \$750,000! In the coming years, the Norwalk River Fund will allow us to accelerate this important work!

Develop Plans & Engineering



Develop Plans & Engineering



Complete & Submit Permits



INLAND WETLANDS
COMMISSION
Telephone (203) 563-0180
Fax (203) 863-0384



TOWN HALL
338 Danbury Road
Wilton, Connecticut 06897

APPLICATION FOR A MINOR REGULATED ACTIVITY

Page 2 Application for a Minor Regulated Activity

Project Description and Purpose: The Mianus Chapter of Trout Unlimited will be installing a conifer revetment, a structure designed to stabilize severely eroded streambanks to narrow the stream channel, improve habitat and provide improved flood plain access for the Norwalk River. To complete the project, dead pine trees will be anchored along the edge of the streambank and will slow the current, rebuilding new banks out of sediment.

<i>For Office Use Only:</i>	
Filing Fee \$ _____	WET# _____
Date of Submission _____	Wilton Land Record Map# _____
Date of Acceptance _____	Volume # _____ Page # _____
	Assessor's Map # _____ Lot# _____

APPLICANT INFORMATION:

Applicant: <u>Mianus Chapter of Trout Unlimited</u>	Agent (if applicable): _____
Address: <u>PO Box 475</u>	Address: _____
<u>Wilton, CT 06897</u>	
Telephone: <u>203-216-7078</u>	Telephone: _____
Email: <u>jyates@mianustu.org</u>	Email: _____

PROPERTY INFORMATION:

Property Address: <u>45 Lovers Lane</u>	Site Acreage: <u>23.5 Acres</u>
Acres of altered Wetlands On-Site: <u>0</u>	Cu. Yds. of Material Excavated: <u>0</u>
Linear Feet of Watercourse: <u>Approx 1/2 Mile</u>	Cu. Yds. of Material to be Deposited: <u>0</u>
Linear Feet of Open Water: <u>0</u>	Acres of altered upland buffer: <u>0</u>
Sq. Ft. of proposed and/or altered impervious coverage: <u>0</u>	Sq. Ft. of disturbed land in regulated area: <u>0</u>

APPLICATION REQUIREMENTS:

Is The Site Within a Public Water Supply Watershed Boundary? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>	Is The Site Within 500 Feet of a Town Boundary? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>
--	---

* If the answer is yes, then the applicant is responsible for notifying the appropriate water authority and/or adjoining community's Wetlands Department. Instructions for notification are available at the office of the commission.

In addition, the applicant shall provide three (3) collated copies of the following information**

- A. Written consent from the owner authorizing the agent to act on his/her behalf
- B. A Location Map at a scale of 1" = 800'
- C. A Site Plan showing existing and proposed features
- D. Names and addresses of adjoining property owners

**Application materials shall be collated and copies of documents more than two pages in length shall be double sided.

See Section 7 of the Wetlands and Watercourses Regulations of the Town of Wilton for a more detailed description of applications requirements.

The Applicant or his/her agent certifies that he is familiar with the information provided in this application and is aware of the penalties for obtaining a permit through deception, inaccurate or misleading information.

By signing this application, permission is hereby given to necessary and proper inspections of the subject property by the Commissioners and designated agents of the Commission or consultants to the Commission, at reasonable times, both before and after a final decision has been rendered.

Applicant's Signature: _____ Date: _____

Agent's Signature (if applicable) _____ Date: _____

Raise Awareness & Funding



PLANNING IN PLACE



In 2017, the Mianus Chapter hired a renowned river restoration firm out of Bozeman, MT to travel to Wilton, CT to assess the river and develop a master plan for its restoration.

The results are comprehensive planning documents identifying specific habitat projects for nearly 10-miles of stream that will:

- Increase the number of deep pools that large trout need to grow even bigger
- Install large log andunker structures to provide habitat to help trout grow and trout densities to increase
- Restore degraded spawning sites to improve the successful wild spawning of resident brown trout
- Remove two dams and other barriers to fish passage to ensure that the trout in the Norwalk River have access to all the habitat they need to survive within the entire system

This plan is developed, designed, actionable and ready to be executed!

All photos Courtesy of Lawrence Frank

THE NORWALK RIVER FUND: YOUR SUPPORT WILL UNLOCK THE RIVER'S FULL POTENTIAL

With your support and commitment to the Norwalk River Fund, this vision of a world-class trout stream in Fairfield County will come to life! We are targeting a \$100,000 funding commitment from some of our most ardent and dedicated members for use over a three-year period. Donors to the Norwalk River Fund will receive annual reports on our progress, frequent project updates and opportunities for unique site visits and celebratory fishing outings.

Join us today and make a difference in the future of the Norwalk River!

THREE WAYS TO GIVE

ONE TIME
DONATION

ANNUAL
PAYMENT

COMMITMENT
OVER TIME

Supporting the Norwalk River Fund at the level that works best for you is easy, and there need not be any up-front cash commitment.

You can choose to:

- 1) Make a one-time payment to the fund via cash, check or credit card
- 2) Set up recurring, automatic annual payments billed to your credit card with the ability to withdraw at any time
- 3) Pledge a set amount now, then answer a "capital call" as projects are initiated and funding is needed for their completion

Contact Ben Couch at bcouch@mianustu.org for more information, to discuss your pledge, or for more complex contributions such as private foundation or donor advised fund grants, bequests or charitable remainder trusts.

NORWALK RIVER FUND

OUR PLAN TO RESTORE A LOCAL RIVER & CREATE A WORLD CLASS FISHERY



In 2017, the Mianus Chapter hired a renowned river restoration firm out of Bozeman, MT to assess the river and develop a master plan for its restoration. The result are comprehensive planning documents identifying specific habitat projects for nearly 10 miles of stream that will increase the number of deep pools that large trout need to grow even bigger, install large log andunker "habitat structures" to provide habitat to help trout grow and trout densities to increase, and remove degraded spawning sites to improve the successful wild spawning of resident brown trout. The plan is developed, designed, actionable and ready to be executed!

The Norwalk River Fund represents a unique opportunity to transform a river we all love into a thriving trout fishery.

Over the past two decades, we have worked together to restore this great river and have seen incredible results. Now, we're ready to take this effort to the next level by formalizing the plan we have developed, the partnerships we have built and the commitment you have shown to making this vision a reality.

With just a few short years of focused, scaled-up efforts, we will bring to bear all the resources at our disposal to remove damage from flooding and development, improve habitat for growing more and bigger trout, and bring the best fishing in the northeast right here to Fairfield County!

We stand at a critical moment in time, one where we have momentum behind us to take our efforts to the next level and have a lasting impact. While much of the work we do to restore and improve the Norwalk River will be left for generations to come, the work that will take place thanks to the Norwalk River Fund will change the river for the better immediately and bear fruit that we can all enjoy as anglers in just a few years.

THANKS TO EARLY SUPPORTERS \$100,000 FUNDRAISING GOAL WITHIN REACH

With your support and commitment to the Norwalk River Fund, this vision of a world-class trout stream in Fairfield County will come to life! We are targeting a \$100,000 funding commitment from some of our most dedicated members for use over a three-year period. To date, we have already received donations and pledges exceeding \$25,000 from our early supporters!

Supporting the Norwalk River Fund at the level that works best for you is easy, and there are options to fit your commitment. You can choose to:

- 1) Make a one-time payment to the fund via cash, check or credit card
- 2) Set up recurring, automatic annual payments billed to your credit card
- 3) Pledge a set amount now, and answer a "capital call" as projects are initiated and funding is needed for completion

Join us today and make a difference in the future of the Norwalk River!

Contact Ben Couch at bcouch@mianustu.org for more information, to discuss your pledge, or for more complex contributions such as private foundation or donor advised fund grants, check transfers, bequests or charitable trusts.

Learn more and donate at www.mianustu.org/norwalkriverfund.html

The Mianus Chapter of Trout Unlimited

PO Box 475, Wilton, CT 06097

www.mianustu.org

Raise Awareness & Funding



COORDINATE WITH TU STAFF ON ALL NATIONAL GRANTS

Select Contractors Wisely



Project Management



Report, Monitor & Re-Assess



Questions?

Jeff Yates

jyates@tu.org

(203) 216-7078

