

# Schoharie Watershed Stream Management Plan Implementation

## Application deadlines February 1<sup>st</sup> and August 1<sup>st</sup>

Submit two copies of completed application to GCSWCD Watershed Program, PO Box 996, Tannersville, NY 12485 (see application guidelines for contact info, and be sure to sign page 2).

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### Cover Page

1. Project Title \_\_\_\_\_

2. Project Contact Person (if different from applicant) \_\_\_\_\_ Telephone number / fax \_\_\_\_\_

Applicant (please specify if individual property owner, organization (type) or municipality and provide tax ID number if municipality or organization) \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_ County \_\_\_\_\_

Telephone # \_\_\_\_\_ Fax # \_\_\_\_\_ E-mail \_\_\_\_\_

### SMP Information (see application guide for more info)

3. Did the Municipality in which project is proposed adopt a Stream Management Plan? Yes \_\_\_\_\_ No \_\_\_\_\_

4. What category does the project address below (check all that apply)? Please see attached guidance document for examples of each.

- 1. Education/Outreach \_\_\_\_\_
- 2. Highway Infrastructure Improvement \_\_\_\_\_
- 3. Landowner Stream Assistance\* \_\_\_\_\_
- 4. Stormwater Implementation\* and/or Critical Area Seeding \_\_\_\_\_
- 5. Recreation-based opportunities/habitat enhancements \_\_\_\_\_
- 6. Planning and Assessment \_\_\_\_\_

5. On a scale of 1 -10 (1 being minimal, 10 highly significant), how would you rate the project's value in fulfilling the Stream Stewardship Principles developed for the Catskills (see application guidelines)? \_\_\_\_\_

6. In which Municipality (village/town) is the project located \_\_\_\_\_, and in which sub-basin (Batavia Kill, West Kill, East Kill, Schoharie Creek, Manor Kill, Bear Kill ) \_\_\_\_\_

### Preliminary Budget (please complete budget section on page 3)

\$ \_\_\_\_\_  
7. Amount requested

\$ \_\_\_\_\_  
8. Amount of shared funding or in-kind contribution. Note leveraging additional Funds, or in-kind contributions (labor, equipment, materials) will rank higher.

9. Estimated Dates for Starting and Completing the Project \_\_\_\_\_

Is this a multi-year project? Yes/No – Explain \_\_\_\_\_

\* Note due to the potential technical nature of these categories, separate scoring criteria are used by agency staff to determine feasibility and eligibility.

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### Project Summary

Name of project \_\_\_\_\_ Applicant \_\_\_\_\_

10. Describe the proposed project including the nature of the project, whether it is to correct an existing situation (retrofit or repair), propose a preventive approach, propose a recreation or habitat enhancement, conduct outreach or educational program, why the project is needed, and any other relevant information. Note - prevention-based projects may rank higher (use additional pages if necessary (2-pages max))

11. Describe how you will evaluate the short and long-term effectiveness of the proposed project:

\_\_\_\_\_

\_\_\_\_\_

12. Describe how you will document the completion of the proposed project:

\_\_\_\_\_

\_\_\_\_\_

### Background Pages

13. Describe long term objectives, specific goals, the geographic area served, project schedule with start date & end date, major milestones such as design completion, bid dates, etc.

Label - Page \_\_\_ of \_\_\_ pages (Max. 4 pages) List attachments \_\_\_\_\_

Signature of Applicant: \_\_\_\_\_ Date: \_\_\_\_\_

Signature of Property Owner (If applicable): \_\_\_\_\_ Date: \_\_\_\_\_

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### Project Budget

Provide a breakdown of the total project costs. Identify program elements mentioned in the Summary and Background sections. Use form shown or attach your own form, with back-up sheets as needed. Show other grants, volunteer services, and in-kind contribution as local share. Other Grants and Volunteer Services should not be included in Total Cost. While a cost share is not required, including in-kind and/or other grants can improve an application ranking and therefore those costs are included in the requested Budget.

| Work description  | Applicant Share | Funding Requested | Total Cost |
|---|-----------------|-------------------|------------|
| Consultant costs (Name, start, duration)  |                 |                   |            |
|   |                 |                   |            |
|   |                 |                   |            |
| Equipment &/or Material costs (specify type)  |                 |                   |            |
|   |                 |                   |            |
|   |                 |                   |            |
|   |                 |                   |            |
| Personnel costs (Title, # of hours, rate)   |                 |                   |            |
|   |                 |                   |            |
| Indirect  |                 |                   |            |
| Administrative  |                 |                   |            |
| Legal   |                 |                   |            |
| Contingency   |                 |                   |            |
| Other   |                 |                   |            |
|   |                 |                   |            |
|   |                 |                   |            |
|   |                 |                   |            |
| <b>Total Costs</b>  | \$              | \$                | \$         |
|   |                 |                   |            |
| <b>Value of Cost Share</b>  |                 |                   |            |
| Other grants  |                 |                   |            |
|   |                 |                   |            |
|   |                 |                   |            |
| In-kind labor/value of volunteer services (Title, # of hours, rate). Identify value of in-kind work based on comparable work provided in the workforce. |                 |                   |            |
|   |                 |                   |            |
| Total Other Grants and In-kind Labor, Volunteer Services  | \$              | \$                | \$         |

## Schoharie Watershed Stream Management Plan Implementation Guidelines

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### General Information:

Comprehensive Stream Management Plans for the Batavia Kill (2003), West Kill (2005), East Kill (2007), Schoharie Creek (2007) and Manor Kill (2009) were completed by the Greene County Soil & Water Conservation District, NYC Department of Environmental Protection and Schoharie County SWCD and Planning Dept. (Manor Kill). The stream management plans document the built and natural characteristics of the stream corridors and provide a blueprint for communities to address systemic concerns related to protecting public and private property, fisheries habitat, and water quality. The materials created through this detailed assessment and planning process can now be used as a tool for municipal officials, residents and other interested parties to manage streams consistent with science-based principles.

Throughout the development of each plan, project advisory committees were formed to represent the interests of local officials, residents, businesses, and agencies working in the watershed. Upon completion of the Schoharie and East Kill plans in 2006, the focus began to move towards implementation of plan recommendations with the understanding that some level of assessment would continue. After meeting with the smaller advisory committees from the Schoharie-East Kill, West Kill and Batavia Kill, the decision was made to move towards a single Schoharie basin-wide advisory committee due to overlap of participants from overlapping watershed boundaries. The Schoharie Watershed Advisory Committee (SWAC) was formed in 2008 and is designed to represent the collective interests of local government, property owners, watershed agencies, and non-profit organizations during the implementation of stream management plan recommendations.

The SWAC consists of appointed representatives from each Schoharie Basin municipality, representatives from three subcommittees (Highway Superintendents, Education and Outreach and Recreation and Habitat), a Greene County Legislator and other local, state and federal agencies. Two million dollars has been allocated by the NYCDEP to the Implementation Program, and the GCSWCD has committed considerable resources as well. Working collaboratively the SWAC capitalizes on the knowledge and diversity of committee members and fosters a holistic, science-based, cooperative approach to watershed management. As an applicant to the program you are encouraged to contact your local SWAC representative, GCSWCD or the NYCDEP to discuss your project idea. The following information provides an overview of the process for applying for stream management plan implementation funding.

### Application Specific Information

- 1. Project Title:** Please provide a title that begins to describe the project – for example – Town of Jewett Hydroseeding, watershed knotweed brochure, or Smith Streambank revegetation project.
- 2. Project Contact Information:** All project related correspondence will be directed to the information provided here.
- 3. SMP Adoption:** The municipality you live in must have adopted the relevant stream management plan for you to be eligible for funding. The following communities have adopted the appropriate stream management plan and have signed a memorandum of understanding with the GCSWCD for implementation: Town of Hunter, Village of Hunter, Town of Lexington, Town of Jewett, Town of Ashland, Town of Windham and Town of Prattsville. The SMPs for the Manor Kill (Conesville) and Bear Kill (Roxbury) are not complete therefore applications can be submitted for these areas until the SMPs are completed, at which point the municipalities will undergo the adoption process.
- 4. Project Category:** The following are examples of projects within each category (note - your project may fall under more than one of the categories, please check all that apply):
  - *Education and Outreach:* workshops, newsletters, public meetings, school programs, stream clean-ups, volunteer plantings, educational kiosk, outreach materials and/or training
  - *Highway/Infrastructure:* upgrade undersized culverts, potential cost-share to properly size bridges to avoid channel constriction, incorporate vegetation into road embankments, utility crossing management, and/or floodplain management of public lands
  - *Landowner Stream Assistance:* Assist with invasive species control, develop best management plan for streamside landowners, enhance riparian buffer, provide land stewardship assistance, and/or address erosion issues utilizing best available science

- *Stormwater Implementation and critical area seeding:* Hydroseeding of open ditches etc, implementation of stormwater techniques to infiltrate water into ground, wetland enhancement, filter strips, creation of rain gardens and/or bioswales
  - *Recreation-based opportunities* - stream access improvements, increasing navigability, development of watershed recreation plan, streamside amenities open to public.
  - *Habitat Enhancements:* fisheries Improvements and/or habitat enhancements (instream and in floodplain).
  - *Planning and Assessment:* floodplain management, coordinated flood response, technical assistance, land use/open space planning and/or incorporating stream management into economic development initiatives, such as stream celebrations, creating/enhancing local control through environmental policies, collaborating at the county, regional and local level supporting watershed communities.
- 5. Stream Stewardship Principles:** The following are the stream stewardship principles developed for the Catskills (for more detail on each principle visit [http://www.catskillstreams.org/stewardship\\_wc.html](http://www.catskillstreams.org/stewardship_wc.html)):
- We celebrate the role streams play in the natural heritage of our communities.
  - We will work to protect and restore the environmental services provided by our streams and floodplains.
  - We will work to protect and restore the health of our stream and floodplain ecosystems.
  - Wherever possible, we will manage streams so as to maintain their naturally effective channel form and function.
  - Wherever possible, we will manage floodplains as part of the natural stream system.
  - Wherever possible, we will protect and restore mature forest in the riparian buffer.
  - As we manage streams to protect public safety and investments in infrastructure, our actions in one location shouldn't compromise the health of the stream upstream or downstream, or threaten the adjacent upland ecosystem through which the stream runs.
  - We will strive to keep abreast of the state-of-the-science and best management practices related to streams and floodplains.
- 6. Municipality and Watershed:** For maps of the watershed visit:  
[http://www.catskillstreams.org/majorstreams\\_sc.html](http://www.catskillstreams.org/majorstreams_sc.html)
- 7. Amount Requested:** Please provide a realistic estimate of the project's cost and use the chart on page 3 to list expenses. For assistance contact the GCSWCD – 518-622-3620.
- 8. Cost Share:** Providing cost share either through own funds, another program, or in-kind labor or services will be accounted for in project scoring and will enhance the chances of receiving funding. However, not providing a cost-share does not preclude you from submitting an application.
- 9. Project timing:** This allows the project team to incorporate any associated work into the Schoharie Basin Action Plan (refer to current Work Plan at <http://www.gcswcd.com/index2.html>)
- 10. Project Narrative:** Provide as much detail about the project as is available and how the project incorporates proper stream management techniques or principles– contact GCSWCD for assistance.
- 11. Project Monitoring:** Are you proposing to include monitoring of project success? This could be through photo-monitoring or surveys of construction projects, evaluations for educational programs, or fish surveys for habitat enhancements. This is not a required element, but recommended.
- 12. Project Completion:** Examples include an as-built survey, final project report, etc. At a minimum a final project report must be completed to state whether the project's goals were achieved, cost, and any recommendations for enhancement.
- 13. Project Background:** Provide as much detail/documentation about the project as is available.

Additional Information – for additional information or assistance with application contact Michelle Yost, GCSWCD Watershed Assistance Program at (518)-589-6871 or [michelle@gcswcd.com](mailto:michelle@gcswcd.com) or David Burns, NYCDEP at (845)-340-7850 or [dburns@dep.nyc.gov](mailto:dburns@dep.nyc.gov)