

The East Kill Management Plan

April 2007

PREPARED BY THE
GREENE COUNTY SOIL AND WATER CONSERVATION DISTRICT
NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION



East Kill Management Plan

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Developed By

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Preface

Many generations have managed the streams of the East Kill Basin. In the Mountaintop communities, creeks have been armored and intentionally redirected in some areas, to allow for streamside land uses. Due to the steepness of the East Kill Valley, many roads have been built on the gentler slopes adjacent to the stream. Floodplains and streamside wetlands have been filled, diversions created to sluice water into floodplain ponds, and pastures and lawns cleared along Schoharie and tributary streambanks and adjacent terraces. Each of these activities has an impact on the Creek that reverberates throughout the system. The combined impact of these reverberations becomes most obvious during flood events that cause the loss of property and infrastructure, but can also be seen during low flow periods when the stream is over-wide and shallow, unable to support a vibrant coldwater fishery in affected segments.

The East Kill and its tributaries are a dynamic system and what one person does on their own stream bank can create significant effects –good or bad– upstream or downstream. While we maintain individual rights to use our own land as we think best, we also have an individual responsibility to act as good stewards for the health of the stream, while protecting the welfare of our neighbors. The East Kill is in many ways a community resource, and cannot be effectively managed without a coordinated effort. It is because we recognize the many benefits streams contribute to our community’s quality of life, and also the many risks they pose, that we need to coordinate decision-making around the goals we identify collectively for the stream. This plan presents the background information, stream feature inventory and framework necessary to drive this coordinated effort.

In order to meet both surface and groundwater planning needs, both quality and quantity, a comprehensive watershed approach is required to identify the unique resources the streams provide to East Kill Basin communities, document the magnitude of potential impairments, and involve watershed stakeholders in recommending strategies for remediation and management. To this end, the Greene County Soil and Water Conservation District (GCSWCD) and New York City Department of Environmental Protection (DEP) initiated the Schoharie/East Kill watershed planning project in 2006. This is a culmination of planning processes that started in 1996 with the initiation of the Batavia Kill Stream Management Project. The Batavia Kill (GCSWCD, 2003) and West Kill (GCSWCD, 2005) management

plans were designed to guide local residents and municipalities towards addressing stream management activities on a system-wide basis through the employment of natural channel design principles. With the completion of the East Kill and Schoharie Plans, the majority of the Schoharie Basin is now covered under a stream management plan.

To a large degree, the success of the watershed project depends upon the amount of local participation and support. On Saturday, June 3, 2006 a public meeting with approximately one-hundred attendees marked the start of the stakeholder involvement portion of the East Kill/Schoharie Creek Management Planning Project. Following this workshop, the East Kill project team, and a professional consultant from the Consensus Building Institute, completed a survey and workshop with potential Project Advisory Committee (PAC) members to start gathering input for the management planning process (full results and recommendations in Section 2.11). Most interviewees described the Schoharie Creek as picturesque and aesthetically pleasing, historic and of great potential value. At the same time, it was also described as “out of control”, in need of attention, and unstable. This description is likely true for the East Kill as well.

Following the workshop, a PAC was initiated that met several times prior to completion of this stream management plan. It should be noted that “completion” is a relative term. The stream management plan is designed to be updated with new assessments, knowledge or recommendations. Additionally, the PAC will develop an annual action plan to prioritize recommendations. Therefore, the management planning process is not a stagnant process that concludes with the completion of the stream management plan, but rather begins.

In coming years, through a basin-wide Project Advisory Committee and annual work plans, Stream Management Plan recommendations will be implemented. The NYCDEP has committed two million dollars towards the implementation of SMP recommendations as a stipulation within the Shandaken Tunnel SPDES permit that was issued in 2006. This funding will be eligible for Plan implementation within municipalities that have formally adopted the plans. These funds can also be leveraged to attract additional funding that will lead the successful implementation of the management plan recommendations.

To get involved in this effort please contact Amy DeGaetano at amy@gcswcd.com or (518)-622-3620, or visit: http://www.catskillstreams.org/majorstreams_sc. and/or <http://www.gcswcd.com/stream/schoharie-eastkill/>.

Acknowledgments

The East Kill Project team is pleased to release the East Kill Management Plan. This plan is a guide for local residents, municipalities, interested organizations and agencies to protect and improve the East Kill Watershed. We look forward to the improvements in the East Kill's health that will come about from implementing the management options outlined in this plan.

The East Kill Project team would like to especially thank the streamside residents that assisted the project by providing valuable information and/or allowing stream access for data collection. The project team met many landowners along the way who were willing to share their experiences of living streamside over the years. Through our stream feature inventory we have developed a better understanding of stream conditions and trends, and look forward to implementing management recommendations that will lead to a healthier East Kill.

Special thanks to the primary authors of this plan: Abbe Martin (GCSWCD), Amy DeGaetano (GCSWCD), and David Burns (DEP). As well as the entire staff of the Greene County Soil & Water Conservation District and the NYC Department of Environmental Protection's, Stream Management Program. In particular, GCSWCD's Brandi Molitor, Matt Maragalio, Joel Dubois and AmeriCorps service members Carrie Miles and Sean Antonelli, along with DEP's Dan Davis, Mark Vian, and Jenn Grieser, who played key roles in data collection, drafting, and editing sections of this management plan.

Great appreciation is given to the East Kill Project Advisory Committee, a voluntary group of local stakeholders, for their support and guidance in development of this plan. Your input helped produce what we believe will be a successful plan for managing the East Kill.

Project Advisory Committee Members:

- Francine Barbet (Streamside landowner)
- Judith Brown (Hunter Chamber and Planning Board)
- David Burns (DEP, Stream Management Program)
- Lynn Byrne (Lexington Town Board)
- Amy DeGaetano (GCSWCD, Schoharie Project Coordinator)
- Christine Delorier (US Army Corps of Engineers)

- Paul Dibbell (Town of Hunter Councilman)
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- Mike Flaherty (Town of Jewett Supervisor)
- Jerry Fraine (NYS DEC Region 4)
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- Mark Hyer (Town of Hunter Planning Board Chair)
- Jim Hitchcock (GC Legislator, GCSWCD Board of Directors)
- Charlene Holdridge (Hunter Foundation)
- John Jacobson (Catskill Watershed Corporation)
- Barbara Joyce (Streamside landowner)
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- Dennis Lucas (Town of Hunter Supervisor)
- William Maley (Village of Hunter, Mayor)
- Michael McCrary (Hunter Chamber of Commerce)
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- Paul Slutzky (Village of Hunter Planning Board)
- Rene VanSchaack (GSWCD, Executive Director)
- Marilyn Wyman (Cornell Cooperative Extension of Greene County)
- Michelle Yost (GCSWCD; Watershed Assistance Program coordinator)

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