



Cornell University Cooperative Extension Greene County

Final Report to the Schoharie Watershed Stream Management Plan Implementation Program

Rain Barrel Workshop

The Rain Barrel Workshop was held in May of 2010 as part of Greene County Soil and Water Conservation District's (GCSWCD) first annual Schoharie Watershed Week. The program was held at the Sugar Maples in Maplecrest.

Program planning and promotion commenced in March of 2010, with Extension Educator Liz LoGiudice locating supplies and materials, researching rain barrel designs, piloting barrel construction and promoting the program. The program was promoted through press releases, public service radio announcements, the GCSWCD and Cornell Cooperative Extension of Greene County (CCE Greene) websites, as well as through Schoharie Watershed Week PR and the CCE Greene email distribution list. Materials and supplies were purchased from local sources, with Barrelhead Sales of Troy providing the 55-gallon barrels, and Acra Building Supply providing all of the other materials. Volunteer Eric Rasmussen assisted with piloting of rain barrel construction and transportation of the barrels from the Agroforestry Resource Center to the Sugar Maples.

Fifteen families attended the Rain Barrel Workshop, which was the maximum participation allowed for this program. Registration was limited to fifteen families due to the need to assist participants in constructing their rain barrels. The program was held at the church at the Sugar Maples, which was filled to capacity with people and 55-gallon plastic barrels. The audience was enthusiastic, engaged and very adept at constructing their rain barrels.

Ms. LoGiudice led the program and was assisted by Extension Program Educator Rick Burstell, and several staff members from GCSWCD, including Josh Gorman and Michelle Yost. Barrels were partially prepared for the program, so that participants would not be required to use power tools during construction. Participants were introduced to basic concepts of non point source pollution and residential stormwater control. Participants were provided with informational materials on constructing rain barrels. After all participants had completed construction of their rain barrels, interested individuals took part in a tour of the pervious parking lot, rain gardens and stormwater management pond that were installed by GCSWCD at the Sugar Maples. GCSWCD Education and Outreach Coordinator Josh Gorman led this portion of the program.

The Rain Barrel Workshop was a very successful component of Schoharie Watershed Week. The program fulfilled the goals and objectives that were articulated in the application for funding. The application stated that CCE Greene would document the completion of the program by indicating the

numbers of participants, results from evaluation surveys and submission of photos. As previously stated, fifteen families participated in the program and twelve filled out evaluation forms at the completion of the program (please see Attachment A). Every participant gave the program the highest possible rating on a scale of 1 to 5 in the overall program rating. One-hundred percent of participants also gave the program a “5” in response to the following questions:

- Was the program logical and easy to follow?
- Do you feel the presenter(s) knew the subject matter?
- Do you feel the program got the audience’s attention and participation?
- Were the handouts helpful?

Comments on the evaluations included: “Great job and fun!”, “This was very well-organized and well presented – loved it!” and “Excellent session!” CCE Greene documented the Rain Barrel Workshop by taking a number of photos. See Attachment B for a sampling of photos. A disc is enclosed with all photos taken of the workshop.

To ensure that CCE Greene met the measurable objectives stated in the grant application, a follow-up phone survey of program participants was conducted several weeks after the Rain Barrel Workshop. Objectives stated in the application and responses measured by our post-program survey are as follows:

- Of the fifteen families participating in the Rain Barrel Workshop, fifteen will successfully construct a rain barrel for home use. *100% of families constructed rain barrels.*
- Of the fifteen families participating in the Rain Barrel Workshop, fifteen will articulate a better understanding of the importance of stormwater control in a residential setting, as indicated by verbal and written response to post-workshop questionnaires. *100% of families who responded to the survey articulated a better understanding of the importance of stormwater control in a residential setting.*
- Of the fifteen families participating in the Rain Barrel Workshop, thirteen will be able to identify at least two methods that landowners can employ to reduce non-point source pollution as indicated by verbal and written response to post-workshop questionnaires. *90% of the families who responded to the survey were able to identify at least two methods that landowners can employ to reduce non-point source pollution.*

Attachment A
Rain Barrel Workshop Evaluations

Cornell Cooperative Extension of Greene County Program Evaluation Form

Program Name: → LIZ L.
 Instructor: → Rain panel workshop Date: 5/21/10

Please rate the following on a scale of 1 (lowest) to 5 (highest)

	Lowest.....Highest
Overall Program Rating	1	2	3	4	(5)
Was the program logical and easy to follow?	1	2	3	4	(5)
Do you feel the presenter(s) knew the subject matter?	1	2	3	4	(5)
Do you feel the program got the audience's attention and participation?	1	2	3	4	(5)
Were the handouts helpful?	1	2	3	4	(5)

If applicable, was a business created, enhanced or retained as a result of this workshop? Yes

Comments: Excellent session!

Suggestions for future programs: Do more.

The following questions are for Land Use-related Workshop Participants only. Do not fill out this portion of the form if you have attended past programs and previously provided this information.

- 1) What county is your land located in?
 - Albany
 - Columbia
 - Delaware
 - Dutchess
 - Greene
 - Schoharie
 - Ulster
 - Other _____

 - 2) How many acres of forest do you own?
Future ~ 30 acres

 - 3) Before today, have you ever attended an educational program on managing your forest?
 - Yes
 - No

 - 4) Do you have a written management plan for your land?
 - Yes
 - No will in future

 - 5) During the next two years, what specific actions will you take as a result of today's program?

- The ARC is an excellent Resource. Thanks for all you do.*

Cornell Cooperative Extension of Greene County Program Evaluation Form

Program Name: RAIN BARREL

Instructor: LIZ L Date: 5/22/10

Please rate the following on a scale of 1 (lowest) to 5 (highest)

	Lowest.....		Highest	
Overall Program Rating	1	2	3	4	5
Was the program logical and easy to follow?	1	2	3	4	5
Do you feel the presenter(s) knew the subject matter?	1	2	3	4	5
Do you feel the program got the audience's attention and participation?	1	2	3	4	5
Were the handouts helpful?	1	2	3	4	5

If applicable, was a business created, enhanced or retained as a result of this workshop? Yes

Comments: GREAT JOB

Suggestions for future programs: COFFEE ☺

The following questions are for Land Use-related Workshop Participants only. Do not fill out this portion of the form if you have attended past programs and previously provided this information.

- 1) What county is your land located in?
- Albany
 - Columbia
 - Delaware
 - Dutchess
 - Greene
 - Schoharie
 - Ulster
 - Other _____

- 4) Do you have a written management plan for your land?
- Yes No

- 5) During the next two years, what specific actions will take as a result of today's program?

POSSIBLE PREVIOUS
DRIVEWAY (PARTIAL)

- 2) How many acres of forest do you own? NONE

- 3) Before today, have you ever attended an educational program on managing your forest?
- Yes No

Cornell Cooperative Extension of Greene County

Rain Barrel Workshop Questionnaire

1. Have you installed your rain barrel at your home? ___ Yes No
2. If so, is your rain barrel functioning well? ___ Yes ___ No
3. If no, what type of problem have you experienced with your rain barrel?

4. Do you feel that you have a better understanding of the importance of rain barrels and rain gardens for storm water control in a residential setting as a result of attending the Rain Barrel workshop? Yes ___ No

5. Please indicate two methods that homeowners can employ to reduce non-point source pollution.

guids that were used in Maplecrest

- | | |
|--|--|
| Reduce use of pesticides ___ | Responsible use of fertilizers ___ |
| Maintain septic systems ___ | Dispose of pet feces properly ___ |
| Keep autos well-maintained ___ | Dispose of hazardous waste properly ___ |
| Utilize rain barrels for roof runoff ___ | Build rain gardens <input checked="" type="checkbox"/> |

6. Are you interested in installing more rain barrels or attending other water quality programs for homeowners in the future? Yes ___ No

-> to keep of track what is going on.

*Suggestion: Constructive Criticism
down ~~pro~~ spout of gutter system does
not fit barrel
extend cut to edge so barrel can
slide under spout. Walt Keller*

Cornell Cooperative Extension of Greene County Program Evaluation Form

Program Name: Rainbarrels

Instructor: Liz, Michele Bash Date: 5-22-11

Please rate the following on a scale of 1 (lowest) to 5 (highest)

Lowest.....Highest

	1	2	3	4	5
Overall Program Rating					(5)
Was the program logical and easy to follow?					(5)
Do you feel the presenter(s) knew the subject matter?					(5)
Do you feel the program got the audience's attention and participation?					(5)
Were the handouts helpful?					(5)

If applicable, was a business created, enhanced or retained as a result of this workshop? Yes

Comments: Great job + fun!

Suggestions for future programs: Knotweed

The following questions are for Land Use-related Workshop Participants only. Do not fill out this portion of the form if you have attended past programs and previously provided this information.

1) What county is your land located in?

- Albany
- Columbia
- Delaware
- Dutchess
- Greene
- Schoharie
- Ulster
- Other _____

4) Do you have a written management plan for your land?

Yes No

5) During the next two years, what specific actions will you take as a result of today's program?

use my rainbarrel for my garden

2) How many acres of forest do you own?

5

3) Before today, have you ever attended an educational program on managing your forest?

Yes No

Cornell Cooperative Extension of Greene County Program Evaluation Form

Program Name: Rain barrel wkshp

Instructor: Liz Date: May 31

Please rate the following on a scale of 1 (lowest) to 5 (highest)

	Lowest.....				Highest
Overall Program Rating	1	2	3	4	(5)	
Was the program logical and easy to follow?	1	2	3	4	(5)	
Do you feel the presenter(s) knew the subject matter?	1	2	3	4	(5)	
Do you feel the program got the audience's attention and participation?	1	2	3	4	(5)	
Were the handouts helpful?	1	2	3	4	(5)	

If applicable, was a business created, enhanced or retained as a result of this workshop? Yes

Comments: This was very organised & well presented - Loved it!

Suggestions for future programs: _____

The following questions are for Land Use-related Workshop Participants only. Do not fill out this portion of the form if you have attended past programs and previously provided this information.

- 1) What county is your land located in?
- Albany
 - Columbia
 - Delaware
 - Dutchess
 - Greene
 - Schoharie
 - Ulster
 - Other _____

- 4) Do you have a written management plan for your land?
- Yes No

2) How many acres of forest do you own?
10

- 5) During the next two years, what specific actions will you take as a result of today's program?
- !None rain harvesting -
implans for permanent
surfaces?

- 3) Before today, have you ever attended an educational program on managing your forest?
- Yes No

Cornell Cooperative Extension of Greene County Program Evaluation Form

Program Name: Rain Barrel Construction

Instructor: _____ Date: 5/22/10

Please rate the following on a scale of 1 (lowest) to 5 (highest)

Lowest.....Highest

Overall Program Rating	1	2	3	4	5 <input checked="" type="radio"/>
Was the program logical and easy to follow?	1	2	3	4	5 <input checked="" type="radio"/>
Do you feel the presenter(s) knew the subject matter?	1	2	3	4	5 <input checked="" type="radio"/>
Do you feel the program got the audience's attention and participation?	1	2	3	4	5 <input checked="" type="radio"/>
Were the handouts helpful?	1	2	3	4	5 <input checked="" type="radio"/>

If applicable, was a business created, enhanced or retained as a result of this workshop? Yes

Comments: Excellent class - THANKS!

Suggestions for future programs: Solar Thermal Bgrics

The following questions are for Land Use-related Workshop Participants only. Do not fill out this portion of the form if you have attended past programs and previously provided this information.

- 1) What county is your land located in?
- Albany
 - Columbia
 - Delaware
 - Dutchess
 - Greene
 - Schoharie
 - Ulster
 - Other _____

2) How many acres of forest do you own?

- 3) Before today, have you ever attended an educational program on managing your forest?
- Yes No

- 4) Do you have a written management plan for your land?
- Yes No

5) During the next two years, what specific actions will you take as a result of today's program?

Cornell Cooperative Extension of Greene County
Program Evaluation Form

Program Name: RAIN BARRER WORKSHOP
 Instructor: LIZ COAGUIDICE Date: 5/22/10

Please rate the following on a scale of 1 (lowest) to 5 (highest)

	Lowest.....Highest				
Overall Program Rating	1	2	3	4	5
Was the program logical and easy to follow?	1	2	3	4	5
Do you feel the presenter(s) knew the subject matter?	1	2	3	4	5
Do you feel the program got the audience's attention and participation?	1	2	3	4	5
Were the handouts helpful?	1	2	3	4	5

If applicable, was a business created, enhanced or retained as a result of this workshop? Yes

Comments: _____

Suggestions for future programs: EXPAND PROGRAM TO REACH MORE RESIDENTS

The following questions are for Land Use-related Workshop Participants only. Do not fill out this portion of the form if you have attended past programs and previously provided this information.

- 1) What county is your land located in?
- Albany
 - Columbia
 - Delaware
 - Dutchess
 - Greene
 - Schoharie
 - Ulster
 - Other _____

4) Do you have a written management plan for your land?
 Yes No

5) During the next two years, what specific actions will you take as a result of today's program?

2) How many acres of forest do you own?

3) Before today, have you ever attended an educational program on managing your forest?
 Yes No

Cornell Cooperative Extension of Greene County

Program Evaluation Form

Program Name: Rain Barrel

Instructor: Liz Loguicic Date: 8/22/10

Please rate the following on a scale of 1 (lowest) to 5 (highest)

Lowest.....Highest

Overall Program Rating	1	2	3	4	5
Was the program logical and easy to follow?	1	2	3	4	5
Do you feel the presenter(s) knew the subject matter?	1	2	3	4	5
Do you feel the program got the audience's attention and participation?	1	2	3	4	5
Were the handouts helpful?	1	2	3	4	5

If applicable, was a business created, enhanced or retained as a result of this workshop? Yes

Comments: _____

Suggestions for future programs: _____

The following questions are for Land Use-related Workshop Participants only. Do not fill out this portion of the form if you have attended past programs and previously provided this information.

1) What county is your land located in?

- Albany
- Columbia
- Delaware
- Dutchess
- Greene
- Schoharie
- Ulster
- Other _____

2) How many acres of forest do you own?

12

3) Before today, have you ever attended an educational program on managing your forest?

- Yes
- No

4) Do you have a written management plan for your land?

- Yes
- No

5) During the next two years, what specific actions will you take as a result of today's program?

Cornell Cooperative Extension of Greene County
Program Evaluation Form

Program Name: HOW TO MAKE A RAIN BARR

Instructor: LIZ JASCI Date: 5/22/2010

Please rate the following on a scale of 1 (lowest) to 5 (highest)

	Lowest.....Highest				
Overall Program Rating	1	2	3	4	5 <input checked="" type="radio"/>
Was the program logical and easy to follow?	1	2	3	4	5 <input checked="" type="radio"/>
Do you feel the presenter(s) knew the subject matter?	1	2	3	4	5 <input checked="" type="radio"/>
Do you feel the program got the audience's attention and participation?	1	2	3	4	5 <input checked="" type="radio"/>
Were the handouts helpful?	1	2	3	4	5 <input type="radio"/>

If applicable, was a business created, enhanced or retained as a result of this workshop? Yes

Comments: _____

Suggestions for future programs: _____

The following questions are for Land Use-related Workshop Participants only. Do not fill out this portion of the form if you have attended past programs and previously provided this information.

1) What county is your land located in?

- Albany
- Columbia
- Delaware
- Dutchess
- Greene
- Schoharie
- Ulster
- Other _____

4) Do you have a written management plan for your land?

- Yes No

5) During the next two years, what specific actions will take as a result of today's program?

2) How many acres of forest do you own?

3) Before today, have you ever attended an educational program on managing your forest?

- Yes No

Cornell Cooperative Extension of Greene County
Program Evaluation Form

Program Name: HOW TO BUILD A RAIL BIKE

Instructor: CIZ, JOSH ? Date: 5/22/2018

Please rate the following on a scale of 1 (lowest) to 5 (highest)

	Lowest.....Highest				
Overall Program Rating	1	2	3	4	5
Was the program logical and easy to follow?	1	2	3	4	5
Do you feel the presenter(s) knew the subject matter?	1	2	3	4	5
Do you feel the program got the audience's attention and participation?	1	2	3	4	5
Were the handouts helpful?	1	2	3	4	5

If applicable, was a business created, enhanced or retained as a result of this workshop? Yes

Comments: _____

Suggestions for future programs: _____

The following questions are for Land Use-related Workshop Participants only. Do not fill out this portion of the form if you have attended past programs and previously provided this information.

1) What county is your land located in?

- Albany
- Columbia
- Delaware
- Dutchess
- Greene
- Schoharie
- Ulster
- Other _____

4) Do you have a written management plan for your land?

- Yes No

5) During the next two years, what specific actions will you take as a result of today's program?

USE LESS

WELL WATER

2) How many acres of forest do you own?

104

3) Before today, have you ever attended an educational program on managing your forest?

- Yes No

Cornell Cooperative Extension of Greene County Program Evaluation Form

Program Name: Land Barred

Instructor: Liz Lo Date: 5-22-10

Please rate the following on a scale of 1 (lowest) to 5 (highest)

	Lowest.....		Highest
Overall Program Rating	1	2	3	4 <u>5</u>
Was the program logical and easy to follow?	1	2	3	4 <u>5</u>
Do you feel the presenter(s) knew the subject matter?	1	2	3	4 <u>5</u>
Do you feel the program got the audience's attention and participation?	1	2	3	4 <u>5</u>
Were the handouts helpful?	1	2	3	4 <u>5</u>

If applicable, was a business created, enhanced or retained as a result of this workshop? Yes

Comments: _____

Suggestions for future programs: _____

The following questions are for Land Use-related Workshop Participants only. Do not fill out this portion of the form if you have attended past programs and previously provided this information.

- 1) What county is your land located in?
- Albany
 - Columbia
 - Delaware
 - Dutchess
 - Greene
 - Schoharie
 - Ulster
 - Other _____

- 4) Do you have a written management plan for your land?
- Yes No

5) During the next two years, what specific actions will you take as a result of today's program?

2) How many acres of forest do you own?

- 3) Before today, have you ever attended an educational program on managing your forest?
- Yes No

Cornell Cooperative Extension of Greene County
Program Evaluation Form

Program Name: Bain Barrel

Instructor: Jiz Date: 5-21-2010

Please rate the following on a scale of 1 (lowest) to 5 (highest)

Lowest.....Highest

Overall Program Rating

1 2 3 4 5

Was the program logical and easy to follows?

1 2 3 4 5

Do you feel the presenter(s) knew the subject matter?

1 2 3 4 5

Do you feel the program got the audience's attention and participation?

1 2 3 4 5

Were the handouts helpful?

1 2 3 4 5

If applicable, was a business created, enhanced or retained as a result of this workshop? Yes

Comments: would love to make another one. Jiz is great presenter

Suggestions for future programs: _____

The following questions are for Land Use-related Workshop Participants only. Do not fill out this portion of the form if you have attended past programs and previously provided this information.

- 1) What county is your land located in?
- Albany
 - Columbia
 - Delaware
 - Dutchess
 - Greene
 - Schoharie
 - Ulster
 - Other _____

- 4) Do you have a written management plan for your land?
- Yes No

- 5) During the next two years, what specific actions will take as a result of today's program?
- _____
- _____
- _____

- 2) How many acres of forest do you own?
- _____

- 3) Before today, have you ever attended an educational program on managing your forest?
- Yes No

Cornell Cooperative Extension of Greene County Program Evaluation Form

Program Name: Rain Barrel Workshop

Instructor: Liz LoGiudice Date: May 22 2010

Please rate the following on a scale of 1 (lowest) to 5 (highest)

	Lowest.....			Highest
Overall Program Rating	1	2	3	4	(5)
Was the program logical and easy to follow?	1	2	3	4	(5)
Do you feel the presenter(s) knew the subject matter?	1	2	3	4	(5)
Do you feel the program got the audience's attention and participation?	1	2	3	4	(5)
Were the handouts helpful?	1	2	3	4	(5)

If applicable, was a business created, enhanced or retained as a result of this workshop? Yes

Comments: Great program!

Suggestions for future programs: _____

The following questions are for Land Use-related Workshop Participants only. Do not fill out this portion of the form if you have attended past programs and previously provided this information.

1) What county is your land located in?

- Albany
- Columbia
- Delaware
- Dutchess
- Greene
- Schoharie
- Ulster
- Other _____

4) Do you have a written management plan for your land?

Yes No

5) During the next two years, what specific actions will take as a result of today's program?

2) How many acres of forest do you own?

0

3) Before today, have you ever attended an educational program on managing your forest?

Yes No

Attachment B
Rain Barrel Workshop Photos

**Photos from Cornell Cooperative Extension of Greene County's
Rain Barrel Workshop
May 22, 2010**

