

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: Instructor: Please rate the following on a scale of 1 (lowest) to 5 (highest) Overall Program Rating Was the program logical and easy to follow? 4 2 Do you feel the presenter(s) knew the subject matter? 1 Do you feel the program got the audience's attention 1 and participation? 1 Were the handouts helpful? If applicable, was a business created, enhanced or retained as a result of this workshop?

Yes more. 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. 4) Do you have a written management plan for your 1) What county is your land located in? No will in fature land? ☐ Yes ☐ Albany Columbia 5) During the next two years, what specific Delaware actions will you take as a result of today's Dutchess program? Greene ☐ Schoharie □ Ulster ☐ Other 2) How many acres of forest do you own? Future ~ 30 acros 3) Before today, have you ever attended an educa-The ARC is an excellent Resource tional program on managing your forest? Yes □ No

Program Name: RAIN BARRAL	
Instructor: LIZL	Date: 5/22/10
1	scale of 1 (lowest) to 5 (highest)
	LowestHighest
Overall Program Rating	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
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?	$1 \qquad 2 \qquad 3 \qquad 4 \qquad \boxed{5}$
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: GRAT JOB Suggestions for future programs: CUFFEE	200
The following questions are for Land Use-related Wo the form if you have attended past progra	orkshop Participants only. Do not fill out this portion of ms 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? PUSSIBLE PRIMOUS OUURUNY (PARTIAL
2) How many acres of forest do you own? What are some own?	
tional program on managing your forest? Yes No	

Rain Barrel Workshop Questionnaire

1	Have you installed your rain barrel at your h	nome? Yes No
	If so, is your rain barrel functioning well?	
3.	If no, what type of problem have you experi	enced with your rain barrel?
4.	Do you feel that you have a better understar rain gardens for storm water control in a res Rain Barrel workshop? Yes	sidential setting as a result of attending the
5.	Please indicate two methods that homeowned pollution. And A	ers can employ to reduce non-point source that were used in Maple
	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
	Are you interested in installing more rain by programs for homeowners in the future?	arrels or attending other water quality YesNo > to Keep of track What is Soing on.
do.	ggestion: Construct un got spout of g of fit warrell ge itend out to lage	twe Criticism jutter septem does so barrel can t. Walt Keller

Cornell Cooperative Extension of Greene County Program Evaluation Form

Togram Name.	ALL DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.				and the second s
Program Name: Rainbairels Is a Male Fosh	Date:	5-2	2ール		
•					
Please rate the following on a s	cale of 1	lowest)	to 5 (high	iest)	
	$L\epsilon$	west			lighest
N. D. Beties	1	2	3	4	(5)
Overall Program Rating	1	2	3	4	5
Was the program logical and easy to follow?	1				
Do you feel the presenter(s) knew the subject matter?	1	2	3	4	0
Do you feel the program got the audience's attention	,	2	3	4	5
and participation?	1				
Were the handouts helpful?	1		3		
ve Hackle was a business created, enhanced	or retaine	d as a re	sult of th	ais wo	rkshop? 🛚 Ye
Comments: Great Job + +	200/1				
Comments:	AVI .				
Suggestions for future programs: Knotweed					
Suggestions for future programs: FY107 Sie					
The following questions are for Land Use-related Wo	<u>orkshop</u> Pa	articipant	s only. D	o not i	fill out this portic formation.
The following questions are for <u>Land Use-related we</u> the form if you have attended past progra	ms and pr	eviousiy	provided	tuis iii	ioi macioni
· Ludlecoted in?	4) D	o you hav	e a writtei	n mana	gement plan for y
1) What county is your land located in?		nd?			
C Albany					
i i Aludhy		☐ Ye	,	SON O	
☐ Albany ☐ Columbia	5) D	uring the	next two	years, v	what specific
	5) D	uring the	next two	years, v	what specific
Columbia	ac p:	uring the ctions will cogram?	next two y	years, v as a re	what specific sult of today's
☐ Columbia☐ Delaware	ac p:	uring the ctions will cogram?	next two y	years, v as a re	what specific sult of today's
☐ Columbia ☐ Delaware ☐ Dutchess	ao p	uring the ctions will rogram?	next two y	years, v as a re	what specific sult of today's
☐ Columbia ☐ Delaware ☐ Dutchess ☐ Greene ☐ Schoharie ☐ Ulster	ao p	uring the ctions will rogram?	next two y	years, v as a re	what specific sult of today's
☐ Columbia ☐ Delaware ☐ Dutchess ☐ Greene ☐ Schoharie	ao p	uring the ctions will rogram?	next two y	years, v as a re	what specific sult of today's
☐ Columbia ☐ Delaware ☐ Dutchess ☐ Greene ☐ Schoharie ☐ Ulster ☐ Other	ao p	uring the ctions will rogram?	next two y	years, v as a re	what specific sult of today's
☐ Columbia ☐ Delaware ☐ Dutchess ☐ Greene ☐ Schoharie ☐ Ulster	ao p	uring the ctions will rogram?	next two y	years, v as a re	what specific sult of today's
Columbia Delaware Dutchess Greene Schoharie Ulster Other How many acres of forest do you own?	ao p	uring the ctions will rogram?	next two y	years, v as a re	what specific sult of today's
Columbia Delaware Dutchess Greene Schoharie Ulster Other How many acres of forest do you own? Refore today have you ever attended an educa-	ao p	uring the ctions will rogram?	next two y	years, v as a re	what specific sult of today's
☐ Columbia ☐ Delaware ☐ Dutchess ☐ Greene ☐ Schoharie ☐ Ulster ☐ Other	ao p	uring the ctions will rogram?	next two y	years, v as a re	what specific sult of today's

Program Name:	Rain barrel	WKShp		erro opport som Andron Solar to			Separation of the American Separation of the Sep
Instructor:	4		Date: _	M	iγ 2	57	
		following on a sc	ale of 1 (lowest) to	5 (higl	nest)	
	22000			west			ghest
Overall Program I	Rating		1	2	3	4	5
	logical and easy to	follow?	1	2	3	4	5)
	resenter(s) knew the	1	1	2	3	4	(5)
	rogram got the audi		1	2	3	4	5
Were the handou	ts helpful?		1	2	3	4	3
If applicable, w	vas a business cre	ated, enhanced or	retaine	d as a res	ult of th	nis work	kshop? Yes
		Very Or sented -					
Suggestions for f	future programs:						
the for	estions are for <u>Lar</u> rm if you have atte is your land located	nd Use-related Wor nded past program in?	4) Do	you have	a writter		l out this portion rmation. ement plan for yo
Ulste	mbia ware hess ne harie		act pro	Yes ring the notions will yogram?	ext two y ou take	rears, whas a resu	inat specific alt of today's Thy Thy Thy Thy Thy Thy Thy Thy Thy Th
2) How many a	cres of forest do yo	u own?		Curt	RUS	<i>(</i>	and the second of the second o
3) Before today tional progra	, have you ever atte im on managing you No	ended an educa- ur forest?					

Program Name: Rain Barrel Constr	uction				
Instructor:	Date:	5/22/	1 10		
Please rate the following on a sc		est			ighest
Overall Program Rating	1	2	3	4	O
Was the program logical and easy to follow?		2			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		3		3
Were the handouts helpful?	1	2	3	4	<u>(3</u>)
If applicable, was a business created, enhanced or Comments: Dxcelled C555- THAN	retained	as a res	ult of th	ais wor	kshop?
Suggestions for future programs: Solar Thermal The following questions are for Land Use-related Worl the form if you have attended past programs	kshon Parti	cinants	only. D	o not fi	ll out this por
1) What county is your land located in? Albany Columbia Delaware Dutchess Greene Schoharie Ulster Other	4) Do yeland?	Yes ag the ne	a written	n manago J No rears, wh	ement plan for hat specific ult of today's
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: 1 LOAGUIDICE Please rate the following on a scale of 1 (lowest) to 5 (highest) Lowest.......Highest 1 2 Overall Program Rating Was the program logical and easy to follow? Do you feel the presenter(s) knew the subject matter? 1 Do you feel the program got the audience's attention 2 and participation? Were the handouts helpful? 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 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. 4) Do you have a written management plan for your 1) What county is your land located in? land? 1 No ☐ Yes ☐ Albany 5) During the next two years, what specific Columbia actions will you take as a result of today's Delaware program? □ Dutchess Greene ☐ Schoharie Ulster

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

2) How many acres of forest do you own?

☐ Yes

Other

Cornell Cooperative Extension of Greene County Program Evaluation Form Program Name: LO 6010100 Instructor: L12 Please rate the following on a scale of 1 (lowest) to 5 (highest) Lowest......Highest 1 Overall Program Rating 1 Was the program logical and easy to follow? Do you feel the presenter(s) knew the subject matter? 1 Do you feel the program got the audience's attention 1 and participation? Were the handouts helpful? If applicable, was a business created, enhanced or retained as a result of this workshop?

Yes 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. 4) Do you have a written management plan for your 1) What county is your land located in? land? ☐ Yes ☐ Albany 5) During the next two years, what specific Columbia actions will you take as a result of today's Delaware Dutchess program? 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?

Program Name: HOU TO WINGE	A RAIN BONK
10gram (discount)	Date: 5/28/2060
-	
Please rate the following on a sc	
	LowestHighest
Overall Program Rating	1 2 3 4 5
Was the program logical and easy to follows?	1 2 3 4 3
Do you feel the presenter(s) knew the subject matter?	1 2 3 4 68
Do you feel the program got the audience's attention and participation?	$\frac{1}{1}$ 2 3 4 $\frac{0}{2}$ 5,
Were the handouts helpful?	1 2 3 4 5
If applicable, was a business created, enhanced or	r retained as a result of this workshop? $\Box{ m Ye}$
Comments: Suggestions for future programs:	
The following questions are for Land Use-related Worthe form if you have attended past program What county is your land located in? Albany Columbia	 4) Do you have a written management plan for y land? Yes No During the next two years, what specific
☐ Delaware ☐ Dutchess ☐ Greene ☐ Schoharie ☐ Ulster ☐ Other	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	

Please rate the following on a s	cale of 1 (lo	west) to	5 (higl	nest)	
1	Lowe	est		Highe	st
verall Program Rating	1	2	3	4	5)
as the program logical and easy to follow?	1	2	3	4	3)
o you feel the presenter(s) knew the subject matter?	1	2	3	4	5
To you feel the program got the audience's attention and participation?	1	2	3	4 5	5)
Were the handouts helpful?	1	2	3	4	5
Suggestions for future programs:					
·					
the form if you have attended past progra	ms and previo	ousiy pi	071000		
The following questions are for Land Use-related Wothe form if you have attended past progra 1) What county is your land located in? Albany	4) Do yo land? 5) Durir action	yu have Yes ag the ne	a written ext two y ou take	o not fill out this information management of the management of th	ent plan for specific f today's

Program Name: CAID Barrel	
Instructor: UZ Low	Date: 5.22-/0
Please rate the following on a s	
	LowestHighest
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 65
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 of	or retained as a result of this workshop? Yes
Comments:	
Suggestions for future programs:	
	·
The following questions are for Land Use-related Wo the form if you have attended past program	orkshop Participants only. Do not fill out this portion on ms and previously provided this information.
1) What county is your land located in?	4) Do you have a written management plan for your land?YesNo
☐ Albany ☐ Columbia ☐ Delaware ☐ Dutchess ☐ Greene ☐ Schoharie	5) During the next two years, what specific actions will you take as a result of today's program?
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	

Cornell Cooperative Extension of Greene County Program Evaluation Form Program Name: Date: Instructor: Please rate the following on a scale of 1 (lowest) to 5 (highest) Lowest......Highest 4 2 Overall Program Rating Was the program logical and easy to follows? 2 Do you feel the presenter(s) knew the subject matter? 2 1 Do you feel the program got the audience's attention 2 1 and participation? Were the handouts helpful? If applicable, was a business created, enhanced or retained as a result of this workshop? D 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. 4) Do you have a written management plan for your 1) What county is your land located in? land? ☐ Yes □ No ☐ Albany 5) During the next two years, what specific □ Columbia actions will take as a result of today's Delaware Dutchess program? ☐ Greene ☐ Schoharie

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

Yes
No

2) How many acres of forest do you own?

☐ Ulster ☐ Other

Cornell Cooperative Extension of Greene County Program Evaluation Form

Program Name: Rain Barrel Work Shop	nns tre just 1987 (* 1987) 1988 (* 1988)		A STATE OF THE STA			
Program Name: Rain Barrel WorkShop Instructor: Liz LoGiudia	_ Date:	Miy	22 2	010		
Please rate the following on a so	ale of 1 (l	owest)	to 5 (hig	hest)		
	Lov	vest		H	ighest	
Overall Program Rating	1	2	3	4	<u>(5)</u>	
Was the program logical and easy to follows?	1	2	3			
Do you feel the presenter(s) knew the subject matter?	1	2	3	4	(3)	
Do you feel the program got the audience's attention and participation?	1	2	3	4	(3)	
Were the handouts helpful?	1	2	3	4	6	
If applicable, was a business created, enhanced or Comments: Suggestions for future programs:						
The following questions are for Land Use-related World the form if you have attended past programs 1) What county is your land located in? Albany	4) Do y land' 5) Duri actio	ou have? Yes	a written	manage No ears, wh	ement plan	
2) How many acres of forest do you own?	The second se					
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





