

Waterlines

NOTES FROM THE
MAURICE/SALEM/COHANSEY
WATERSHED STUDY

How We Spent Our Summer Vacation

During the summer months, the pace seems to be just a bit slower. Committees adjourn, conferences are few and far between and deadlines become expendable. The Watershed 17 Management Team, however, did not become a victim of the summer slump. We had a busy summer and managed to squeeze in some fun while publicizing the study!

On May 23, 2001, staff attended the Cumberland County Board of Agriculture's tour of Sheppard Farms in Cedarville. The theme of the tour was "The Importance of Water to Agriculture and How Farmers Use Water Responsibly." Sheppard Farms is a fresh-market vegetable farm producing asparagus, cucumbers, lettuce, peppers and tomatoes. The farm utilizes a sustainable agriculture philosophy that uses best-management practices for efficient production and minimal environmental impact. Some of the tour highlights included: water use for intensive vegetable production, production practices that conserve water quality and quantity, and conservation practices that conserve water quality

On June 2, 2001, the Delaware Bay Schooner Project hosted Delaware Bay Day 2001- an entertaining and informative event. In addition to the musical entertainment, children's activities and artisan and craft displays, the Watershed 17 Management Team was on hand providing information about the study, answering questions and distributing activity books to the younger set.

The Team concluded its selection of 75 individuals who will serve on the Watershed 17 Task Force. The first meeting of the Task Force is scheduled for September 24, 2001.

A complete listing of Task Force members and their affiliation can be found on page 2 of *Waterlines*.

Working throughout the summer, the Water 17 Planning Team completed its first round of data collection, gathering information from the counties and New Jersey DEP. The team relied on existing ARC Info data that was provided by the counties and State. The data is now visually represented in layers on watershed maps and the team plans to present the information at the next Task Force meeting.

Examples of Best Management Practices Used At Sheppard Farms



**Irrigation pumps with filters
used for spraying irrigation.**



**Water conservation
drip-irrigation set-up.**

As the summer winds down, Watershed 17 study activities will move full speed ahead. Pick up a copy of *Waterlines* or log onto

our website to keep current on the study's progress:

(www.perksreutter.com/ccwatershed)

Mark Your Calendar

On September 24, 2001 the Watershed 17 Task Force will meet at 7:00 p.m. All Task Force members are encouraged to attend this meeting, which will be held at the Bridgeton Middle School, 251 West Broad Street (NJ Route 49), in Bridgeton. The public is welcome to attend this meeting and provide their comments at the Public Advisory meeting that will follow. The Public Advisory meeting will begin at 8:00 p.m. at Bridgeton Middle School.

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Watershed 17 Planning Team Announces the Members of the Watershed 17 Task Force

Julie Akers

municipal government
Buena Vista Twp.

Tom Andersen

major employer/business
DuPont

Chuck Barscz

State/Federal
National Park Service

Burt Doremus

municipal government
Hopewell

Ray Blew

agriculture
Centerton Nurseries

Elmer Bowman

municipal government
Lawrence

George Bradford

municipal government
Oldmans

Wallace Bradway

municipal government
Lower Alloways Creek

Charlotte Brago

municipal government
Deerfield

Steve Carnahan

municipal government
Bridgeton

Jack Cimprich

municipal government
Upper Pittsgrove

Dale F. Cruzan, Sr.

municipal government
Stow Creek

Randee Davidson

municipal government
Washington

Victor DeVasto

at large
Gloucester Soil Conservation
Dist.

Jeanne Doremus

citizen at large

Jan R. Edwards

municipal government
Woodstown

Hank Egerton

municipal government
Fairfield

Scott Eves

major landowner
Better Minerals & Aggrgates

David Ferrucci

municipal government
Franklin

Leslie Ficaglia

State/Federal
Pinelands

Douglas Fisher

Cumberland County government
Freeholder-Planning Board
liaison

Earl R. Gage

municipal government
Salem

Jane Galletto

watershed association
Citizens United

George Garrison

municipal government
Commercial

Christopher Gilbert

environmental organization
Alloway Environmental
Commission

C. Wallis Goodwin

municipal government
Greenwich

John Lake, III

municipal government
Carneys Point

Kathy Hicks

municipal government
Vineland

Barbara Hirst

NJDEP
Lower Delaware Region

Thomas H. Hochuli

major employer/business
Optopics Laboratories

Gene A. Iannette

municipal government
Buena Boro

Robert E. Jack

municipal government
Pennsville

Timothy Jacobsen

academia
Cumberland County College

Louis Joyce

municipal government
Upper Deerfield

Craig Kane

major landowner
forestry consultant

Scoop Kay

county government
Watershed Area 15

Grant Keller

municipal government
Clayton

Marilyn Knego

environmental organization
EAGLE

John Knoop

municipal government
Millville

Paige Law

major employer/business
Vineland Area Chamber of
Commerce

David Lee

agriculture
Salem Cooperative Extension

Jerry Lewis

citizen at large

George Loose

major employer/business
National Refrigerants

William Loufik

municipal government
Quinton

Blake Maloney

wastewater authority
Cumberland County Utility
Authority

Everette Marshall III

municipal government
Newfield

Scott Mauger

tourism/recreation
Parvin State Park

Mary Mazza Duffy

municipal government
Monroe

William McGowan

municipal government
Elsinboro

Robert McWilliams

municipal government
Elmer

Paul J. Morris

municipal government
Penns Grove

Jay Mounier

at large
Gloucester Co. Watershed
Federation

Richard C. Nedohon

municipal government
Pilesgrove

Arthur Ogren

real estate/ builder
Arthur J. Ogren, Inc.

Dennis Palmer

wastewater authority
Landis Sewerage Authority

Frank Ponti

watershed association
Salem Watershed Task Force

Terry Ratzell

municipal government
Elk

Torrey Reade

citizen at large
Lower Alloway Planning Board

Ronald D. Riggins, Sr.

municipal government
Maurice River

Herbert Roeschke

board of health
Cumber/Salem Co. Boards
of Health

Chris Ruske

agriculture
County Ag. Board

Gregory Sawyer

municipal government
Glassboro

Howard Scull, Jr.

municipal government
Shiloh

Rita Shade-Simpson

county government
Salem County

Dave Smith

major employer/business
Shield Alloy

James Stannard

major employer/business
US Filter

Ernest Tark, Jr.

municipal government
Mannington

Robert Thompson

real estate/ builder
Thompson Realty

Tom Thorton

wastewater authority
Woodstown

Rick Westergaard

county government
Gloucester Co. Planning Dept.

Patrick Whyte

municipal government
Alloway

Robert Widdifield

municipal government
Pittsgrove

Harry Wilson

municipal government
Downe

Megan Wren

at large
Delaware Bay Schooner Project

John Wright

municipal government
Logan



Study Money Available

In this issue and future issues we will list funding opportunities that are available for watershed related activities from both public and private sources. Should you have information about funding for watershed projects, please contact us at our Web site, or call Steve Epstein at 856-488-6200.

The **U.S. Fish and Wildlife Services Division of Bird Habitat Conservation** is pleased to announce that small grants are available to promote long-term conservation activities. The North America Wetlands Council believes that the grant program is important in developing a pool of new partners/grantees. The program, which will begin awarding grants in 2002, will run for six years and has been funded for a total of \$5 million.

To be considered for funding in 2002, proposals must have a grant request no greater than \$50,000. Priority will be given to projects from new grant applicants (individuals or organizations) who have never received a North American Wetlands Conservation Act (NAWCA) grant. There is a match requirement, which can take the form of cash, goods, services or land value. This requirement does not preclude previous recipient from applying. NAWCA and matching funds can only be used for wetlands acquisition, creation, enhancement and/or restoration. Funds may not be used for signage, display, educational materials, programs or equipment. Small grant proposals can be submitted at any time but must be postmarked no later than November 30, 2001. Grant information can be obtained online by logging on to <http://northamerican.fws.gov> or call 703-358-1784.

The **National Tree Trust** (NTT), a national nonprofit organization, was established in 1990 as part of the "America the Beautiful" initiative. Since 1992, NTT has provided more than 8 million trees to community groups, non-profit organizations, local governments and individuals to plant on local lands. The Trust's Community Tree Planting program makes the following available at no cost:

1. One-year old regionally specific tree seedlings for planting on public land.
2. Two-gallon plastic containers if you wish to grow seedlings to a larger size.
3. A cash subsidy for potting.
4. The technical assistance Tip Sheets that will guide you through selecting your site, planning your event, maintaining your trees and much more.

Tree planting grants are available from the National Tree Trust. Check out their website at www.nationaltreetrust.org. You may also contact the organization at 1-800-846-8733.

The **U.S. Department of Agriculture** and the **National Center for Environmental Research of the U.S. Environmental Protection Agency** are soliciting proposals for the Nutrient Science for Improved Watershed Management Program. Program administrators anticipate that approximately \$7 million will be available for this effort. Proposals should integrate research and extension activities aimed at addressing nutrient management issues at the watershed level. Individuals or organizations seeking additional information can find it at <http://frwebgate.access.gpo.gov>. Refer to the grant's title "Nutrient Fate and Transport Through a Watershed."

Agreeing to Disagree

In upcoming issues, **Point/Counterpoint** will be a regular feature of **Waterlines**. This feature will consist of opposing viewpoints addressing a topical watershed issue. We invite and encourage readers to propose topics for discussion. If you have a viewpoint you would like to share, please contact us at our Web site, or call Steve Epstein at 856-488-6200.

Watershed 17 Speakers Bureau Forming

Watershed 17 covers approximately 885 square miles in Cumberland, Salem and portions of

Gloucester and Atlantic counties and presents a number of complex issues. Over the next four years, the Watershed 17 Planning Study will address land management, conservation and water quality issues, to name a few. The Study Team is in the process of forming a Speakers Bureau which will send experts out into the community to discuss topics related to the watershed. If you are well versed on any topic that impacts the Watershed, we encourage you to submit your name to Steve Epstein at 856-488-6200. In the next issue of **Waterlines**, we will publish a list of topics and speakers.

MAKE A DIFFERENCE: VOLUNTEERS NEEDED FOR WATERWAYS CLEAN UP

The Cumberland County Clean Communities Program is planning part two of its 10th Annual Public Lands Clean Up.

The program sponsors a spring and fall event — Trash Hunt, which is held in early spring, and an annual Waterways Clean Up in the fall.

Since 1990, the Clean Communities Program has removed over 3 million pounds of litter, tires and illegally dumped waste from the County's roadways, woodlands and waterways.

The Cumberland County Improvement Authority administers the program.

This year's fall Waterways Clean Up will be held on Saturday, September 22 and Sunday, September 23, 2001. Volunteers will target all of Cumberland County's lakes, streams, shores, rivers and other waterways to remove trash and debris.

In addition to volunteers, the program needs boats and canoes to assist in this effort. Volunteers who do not have watercrafts are invited to help along the banks and shoreline.

The Improvement Authority plans to provide containers at strategic locations and will assist with the transportation of waste.

For more information or to volunteer, please call 856-825-3700.

TEST YOUR WATERSHED IQ



1. Which is not an example of non point source pollution?

- A. Runoff from roofs
- B. Discharge from pipes from industrial sites
- C. Flow from parking lots and other impervious surfaces.

2. Which source discharges the greatest number of pollutants?

- A. Animals
- B. Sewage Systems
- C. Industry

(Source: www.watershed.cboss.com)

3. The average person uses how many gallons of water daily?

- A. 15
- B. 25
- C. 50
- D. 70

(Source: www.watershed.cboss.com)

4. Recent watershed research has revealed that stream quality begins to sharply decline once impervious cover in the watershed exceeds:

- A. 10%
- B. 15%
- C. 30%
- D. 75%

(Source: www.ag.ohio-state.edu)

5. What is the role of wetlands in watershed management?

- A. Reduce severity of floods downstream
- B. Protect stream banks and shorelines from erosion
- C. Improve water quality
- D. All of the above

(Source: www.ctic.purdue.edu)

Answers: 1. (b) 2. (c) 3. (d) 4. (b) 5. (d)

Watershed Area 17 Planning Study

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