



The Barnegat Bay Beat

Volume 3, Issue 1

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A Quarterly Publication of the Barnegat Bay National Estuary Program

BBNEP Assists Municipalities in Compliance with New Stormwater Regulations

Dr. Bob Scro, BBNEP Director

Following up on USEPA's stormwater rules published in December 1999, Governor James McGreevey announced the formal adoption of two sets of stormwater rules on January 5, 2004. The rules take effect on February 2, 2004, and municipalities will then have 30 days to file an application for a stormwater permit. A major component of these rules is the Phase 2 Municipal Stormwater Management Regulation Program, which requires local governments to prepare a Stormwater Pollution Prevention Plan (SPPP) within one year of permit application, to address pollutants entering surface and ground waters. Each municipality is also required to identify a "stormwater coordinator," as a point of contact for implementing the regulations, which focus on six Statewide Basic Requirements (SBRs)*. The BBNEP is initiating six Roundtables throughout Ocean County to assist municipalities in attaining compliance. The final SPPP prepared by each municipality must be reviewed and approved by Ocean County Government.

For more information please check the State Stormwater Website at www.njstormwater.org

*The Six Subject Areas of the Statewide Basic Requirements:

- (1) Post-Construction Stormwater Management in New Development and Redevelopment
- (2) Local Public Education
- (3) Improper Disposal of Waste
- (4) Solids and Floatables Controls
- (5) Maintenance Yard Operations
- (6) Employee Training.

Celebrate Arbor Day: April 30, 2004

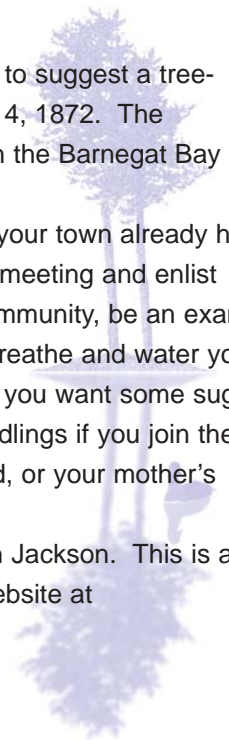
Mary Judge, BBNEP Assistant

J. Sterling Morton, Secretary of Agriculture under President Grover Cleveland, was the first to suggest a tree-planting holiday to be called "Arbor Day" at a meeting of the State Board of Agriculture on January 4, 1872. The Barnegat Bay National Estuary Program would encourage participation by all of the communities in the Barnegat Bay Watershed (that's all of Ocean County and parts of Monmouth) in Arbor Day 2004.

Call a couple of friends to start planning your Arbor Day event. If your town already has a Shade Tree Commission or Environmental Commission, attend their meeting and enlist their support. Meet new people, help migratory birds, beautify your community, be an example for the children, protect the health of our soil, improve the air you breathe and water you drink, **PLANT A TREE** -- and have fun. Log on to www.arborday.org if you want some suggestions on planning an event. They'll even send you 10 free tree seedlings if you join their organization. If you're not up to an event, plant a tree in your own yard, or your mother's yard, or suggest that your child's school plant a tree.

We recommend you visit the [Forest Resource Education Center](http://www.state.nj.us/dep/seeds/frec.htm) in Jackson. This is a great facility for learning about trees. Find out more by visiting their website at www.state.nj.us/dep/seeds/frec.htm.

Once a tree reaches its mature growth size, it pulls up nitrates, phosphates, heavy metals, and petrochemicals from the groundwater, which improves everyone's drinking water.



I N T H E C L A S S R O O M

New Jersey Envirothon

The New Jersey Envirothon is a natural resources problem-solving competition for high school students. The New Jersey Envirothon competition is a one-day event that takes place at the end of the school year. Teams will be tested on environmental topics through hands-on interactive problem-solving at five testing stations. The team that best demonstrates a comprehensive understanding of natural resources, as well as teamwork and communication skills, moves on to represent New Jersey in the National Envirothon competition. Teams must register on or before March 1, 2004. For more information, contact the Ocean County Soil Conservation District at 609-971-7002 or visit the website at <http://nj.nacdnet.org/envirothon>.

Barnegat Bay Environmental Educators Roundtable

Join us for a workshop opportunity featuring an array of hands-on and interactive activities and field trips to incorporate Barnegat Bay Watershed topics into your curriculum. The 7th Annual Roundtable will be held on Thursday, April 29, 2004 from 4PM until 8PM at the Beachwood Community Center. Three professional development hours will be awarded at the end of the program. Registration fee is \$15 and includes the program and dinner buffet. Register by April 2, 2004. For more information, contact the Ocean County Soil Conservation District at 609-971-7002.

Getting to Know Our Neighbors

Alison Leahy, BBNEP Program Associate



The adult Monarch Butterfly, *Danaus plexippus*, has wings of reddish-brown with black veins and black borders with two rows of white dots. Their wingspread can reach up to 4 inches.

The Monarch Butterfly is found during the summer months primarily in North America. Each autumn, the butterflies, east of the Rocky Mountains, migrate to central Mexico, southern Florida, and the Texas coast. The longest recorded flight of a tagged adult is 1,800 miles from Ontario, Canada to Mexico.

As winter ends, Monarchs begin to mate. In early spring, they start their annual migration north. Females stop to lay eggs on the underside of Milkweed plants. The larvae feed on the Milkweed which accumulates a poisonous substance in their bodies that makes them distasteful to birds and other predators. Birds learn to avoid them by recognizing their bright markings. As the offspring hatch, they follow the same migration pattern as their parents. These butterflies are most commonly seen in New Jersey from March through August.

Be Sure to Update Your Address Book

Barnegat Bay National Estuary Program
Ocean County College ♦ College Drive ♦ PO Box 2001 ♦ Toms River, NJ
08754-2001

PHONE: 732.255.0472 ♦ FAX: 732.255.0473
Web Address: www.bbep.org

Mistakes are "For the Birds"

OOPS! In the Fall 2003 issue, the Peregrine Falcon was featured in "Getting to Know Our Neighbors." As many of you noticed, the photo was indeed an osprey and NOT a Peregrine Falcon.

Are you feeling left behind when it comes to being aware of the latest environmental news? Garden State Environet offers access to vital environmental information.

Garden State Environet was founded ten years ago by Phil Reynolds in order to keep New Jersey's environmental community informed of breaking news about important environmental issues. Now GSE provides communication and technological support to New Jersey's entire environmental community.

GSE's flagship service is the EnviroNews; a free electronic digest-type newsletter that is forwarded five days per week (Monday through Friday) right to subscribers' emailboxes. Articles are culled from numerous local, state, regional and national publications, saving each reader hours of searching on his or her own for this vital information.

GSE also maintains a website (www.gsenet.org) which provides numerous services such as action alerts about pending environmental issues, postings of available jobs in the environmental field, a legislative report detailing what is happening in our state house as it affects New Jersey's environment, a calendar of upcoming environmentally related events, and a searchable database of over 3,500 documents archived from prior issues of the EnviroNews. So, take a moment to check out www.gsenet.org. Comments and suggestions are welcome at mailbox@gsenet.org.
- Ivan Kossak, GSE Executive Director

Local Flavors

Barnegat Bay Clam Chowder, submitted by Rich Kunze

3 dozen top neck clams (more if desired)

3 strips of bacon - cut up

3 lbs. of potatoes, peeled and diced

1 onion, cut up small

1 gallon milk

1 pint heavy cream

1 stick butter

Seasonings - Black pepper, celery salt, parsley, basil

Corn starch - to thicken, if desired

(Lazy Way)

*Use chopped clams,
frozen diced potatoes,
and bottled clam juice*

- * Steam clams open and chop clams up; save the clam broth. Parboil diced potatoes.
- * In large pot brown the bacon, then add the onion and 2 cups of clam broth. Cook until onion is tender.
- * Add potatoes and chopped clams, then cover with milk. Add heavy cream and cut up stick of butter.
- * Bring almost to boil, stirring. **DO NOT LET MIXTURE BOIL!**
- * Season to taste with seasonings.
- * Thicken, if desired, with a mix of cornstarch and milk. Add this mix and keep stirring.
- * Let simmer for a while and enjoy!

Source: Alan Barr

MAILING LIST:

- Please add my name to your mailing list for my free subscription to *The Barnegat Bay Beat*.
- Please remove my name from your mailing list. There's no more room in my mailbox, but I will be sure to check your website at www.bbep.org.

Mail this coupon to: Barnegat Bay Estuary Program, at Ocean County College, PO Box 2001, Toms River, NJ 08754-2001, OR email us at: sshinault@ocean.edu

Barnegat Bay Slogan Contest

What comes to mind when you think of...

BARNEGAT BAY?

Think you have the perfect slogan to describe this one-of-a-kind resource? The Barnegat Bay National Estuary Program is looking for a winning slogan which we will adopt as our own for the coming year.

The Rules Are Simple:

- 1) Subject: Barnegat Bay.
- 2) Challenge: Be funny, sentimental, bold or dramatic...just craft a slogan that you think best captures Barnegat Bay.
- 3) Eligibility: Students (grades 9 through 12) who live in the Barnegat Bay Watershed.
- 4) May be typed or printed - **must be legible.**
- 5) Entry sheet must include the following information: **Printed or typed name of student, grade of student, mailing address of student, school name, teacher name, and school address.**
- 6) Entry limited to one per student.
- 7) All entries must be postmarked no later than **March 15, 2004** to be eligible for consideration. No entry can be returned. Slogans become the property of the Barnegat Bay National Estuary Program.
- 8) Entries must be mailed to:
Barnegat Bay National Estuary Program
ATT: Shannon Shinault
Ocean County College
College Drive
PO Box 2001
Toms River, NJ 08754-2001

Questions?

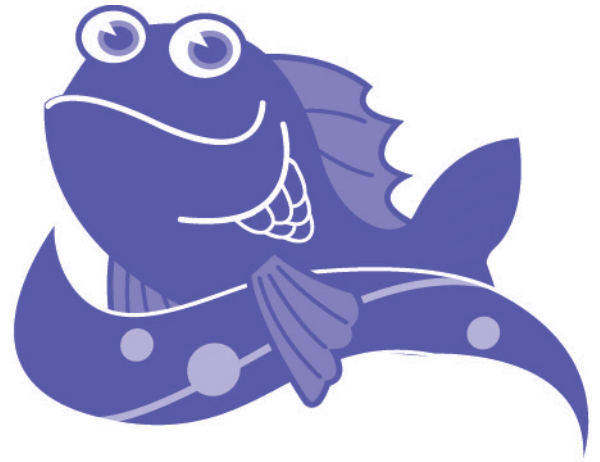
Please call 732.255.0472

And for the winner...

- * Your message will be read by citizens watershed-wide
- * Special recognition at the Barnegat Bay Festival on Saturday, June 5, 2004 at Berkeley Island County Park
- * Gift certificate from local merchant, T-shirt and other freebies

NAME THE STORM DRAIN MASCOT CONTEST

Who is this powerful fish? Pretty soon you will be seeing him all over the Barnegat Bay Watershed to spread the word "only rain in the drain." Only one problem, he needs a name. Can you help?



Contest Rules:

- 1) **Challenge:** Be funny, sentimental, bold or dramatic...just be creative and select a name that describes the job of our Storm Drain Mascot whose slogan is "Only Rain in the Drain, Flows to Barnegat Bay."
- 2) **Eligibility:** Elementary Classrooms (Kindergarten through 6) in the Barnegat Bay Watershed.
- 3) Entry limited to **one** proposed mascot name **per classroom**.
- 4) Entry sheet must include the following information: **Printed or typed teacher name, grade of students, number of students in classroom, school name, and school address.**
- 5) All entries must be postmarked no later than **March 15, 2004** to be eligible for consideration. No entry can be returned. Names become the property of the Barnegat Bay National Estuary Program.
- 6) Entries must be mailed to:
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Questions?
Please call 732.255.0472

And for the winning classroom...

- * Your mascot name will be displayed on stormwater information used to educate all citizens watershed-wide.
- * Special recognition of your classroom at the Barnegat Bay Festival on Saturday, June 5, 2004 at Berkeley Island County Park.
- * **Jenkinsons Aquarium will bring a live penguin to your classroom for an interactive program.**
- * Teacher receives free registration for the 2004 Barnegat Bay Environmental Educators Roundtable **or** a free registration to one *Discovering Barnegat Bay* workshop.
- * Posters and other freebies.

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Thomas Fote
Citizen Member

Jane Kenny
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Reserve

Ken Winter
Winter Yacht Basin

W h e r e ' s B a r n e y ?

Barney made quite a *splash* with his first debut in the *Barnegat Bay Beat*. Thank you to the numerous individuals who responded with answers. A big congratulations goes to Bettsey Arnold of Toms River, the first person to respond with the correct answer (which was: the Island Heights Boardwalk).

Buzz has been generated about exactly who this pooch is and how he gets featured in the *Barnegat Bay Beat*. Barney is a 5-year-old rambunctious cockapoo and belongs to the editor. He is an unofficial Barnegat Bay Watershed explorer.

Perhaps the last photo was a little too easy. Think you have the answer to this month's location? Be the first to email the correct answer to sshinault@ocean.edu to receive your Barnegat Bay baseball hat.



C r e a t i v e R e c y c l i n g

Are you about to throw away those old blankets and towels? *STOP!* Jersey Shore Animal Center can use them for their many residents! It is getting cold and the animals love a blanket to lie on and towels for their bath. The Jersey Shore Animal Center serves as animal control for Brick Township. They adopt to homes in the tri-state area to responsible pet owners.

Winter Wish List

Blankets and Towels
Purina Cat Chow
Bleach
KMR kitten replacement milk
Cat and kitten flea shampoo
Laundry Detergent
Copy paper
Cat and kitten non-catnip toys
Dish Detergent
Bleach
Collars and leashes

Jersey Shore Animal Center
185 Brick Boulevard
Brick, NJ 08723
732.920.1600
www.jerseyshoreanimalcenter.org
A private, non-profit 501(c)(3) animal shelter.
Donations tax-deductible to the fullest extent permitted by law.

To recycle your plastic peanuts or other plastic loose fill used in packaging, bring them to:

Mailboxes, Etc.
2140-6 Rte. 88
Brick, NJ

or

The Workstation
539 Main Street
Avon-by-the-Sea, NJ

or

Mailboxes, Etc.
344-5 Rte. 9, Lacey Mall
Lanoka Harbor, NJ

or

Call 1.800.828.2214 for the nearest store in your area that accepts the peanuts for reuse.

P.S. According to the website of the Plastic Loose Fill Council (www.loose-fillplastic.com) EPS loose fill is non-toxic, inert, made without chlorofluorocarbons (CFCs), and is over 99.6% air. I add them to the soil when container planting, which means I don't have to use as much soil, and my pots aren't so heavy, especially important for hanging pots.

Mary Judge, Program Assistant



STAPLES is accepting ink and toner cartridges for recycling. These should NEVER be put in the garbage. Please take the time to mail them to a recycling center or drop them off at Staples. While you're there, drop off your used PDAs, cell phones, and pagers. Staples also accepts the plastic peanuts. This is a great service that should be taken advantage of.

Ocean County College
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College Drive
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Toms River, NJ 08754-2001

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Fishin' for Ideas

We welcome all contributions and story ideas for inclusion into *The Barnegat Bay Beat*. Please contact Shannon Shinault via email at sshinault@co.ocean.nj.us for more information.

The Barnegat Bay Beat is a quarterly newsletter produced by the Barnegat Bay National Estuary Program. The Barnegat Bay National Estuary Program is a partnership of federal, state and local interests. Our office is located on campus at Ocean County College, College Drive, Toms River, New Jersey.

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Ocean County College
Dr. Jon Larson, President



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Freeholder Liaison
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Shannon Shinault, Editor