

LETTER FROM THE PRESIDENT - Al Rae

I hope you all are having a great summer in South Bethany. For those of us who were here on May 12th, we should all now be believers in the beach replenishment and the need for the sand dune. What started out to be a routine rainy May storm turned into a very powerful storm which crashed against our new dune wrecking the new sand fences. The dune did its job and protected South Bethany from what would have been major damage without it. The dune in Bethany Beach was damaged much more severely than our dune and they had a ten foot drop off down to the beach where their walkways were washed away. Wind gusts of 67 mph were recorded here. Thank goodness we had our new beach before this storm.

The Town of South Bethany recently sent out their Tax bills which included a charge for ambulance service. This service will begin in January 2009, with ambulance service until then provided by the Millville Volunteer Fire Company. The Millville Volunteer Fire Company also recently sent out a mailing for property owners to pay their annual fee for ambulance service until January 2009. We have had inquiries about this issue and advise you to support Millville for these last few months.

Should you want to contact me please send an e-mail to al.rae@verizon.net or call 537-9440.

Respectfully, Al Rae

Membership in SBPOA – Membership in '04/'05 was 570, increasing to 620 in '05/'06, and 770 in '06/'07. In '07/'08 we had 769 members. Currently we have 753 who have signed up for '08/'09. E-mail addresses have been supplied by 583 members who will receive the newsletter and special notices by email. A total of 750 e-mails will be sent, since some people have supplied a second email address. Those without email and those who have e-mail and request a hard copy will still receive the newsletter and meeting announcements by US Mail. Special notices are usually not sent by US Mail. Currently we plan to send out 253 hard copies of the news letter by US Mail. Those with email addresses who would prefer a hard copy of the newsletter by US Mail should send their request to SBPOA2008@aol.com.

Canal Water Quality

The Town of South Bethany's Canal Water Quality Committee and the Tidal Pump Committee have been very active over the past year.

The Water Quality Committee has been meeting with DelDOT and has gotten the forebay at the head of the Anchorage Canal partially cleaned out. The committee has been working with Chris Bason from the Center for the Inland Bays (CIB) on a program to clean up the stormwater that enters the Anchorage Canal through the forebay from the 65 acres north of us. The CIB has been helping us to educate our owners and renters on what they can do to help with the water quality in our canals. Chris Bason spoke at the Bull Roast on keeping outdoor shower water and rain water out of the canals. He told us about the benefits of using rain barrels and conducted a free raffle on a donated rain barrel. Frank and Patricia Weisgerber of 148 Anchorage Dr. were the lucky winners of the rain barrel package which includes rain barrel, hose, screen, downspout adapter, and a \$25 gift certificate for setup supplies. It's nice that they live on Anchorage as Chris has a few more free rain barrels for owners who live on the Anchorage Canal.

This is part of the program that Chris is heading up to clean up the rain water that enters the Anchorage Canal.

The committee continues to work with DeIDOT, CIB and DNREC to improve the quality of the water in our canals.

The Tidal Pump Committee met with DNREC Secretary John Hughes in December to brief him on the design and benefits of the Tidal Pump. Many people, including State Senator George Bunting, believe that some type of controlled flushing, like the Tidal Pump, will do more to cleanse the Little Assawoman Bay and the dead end canals than all other important measures that can be implemented. The committee has been meeting with various departments within the DNREC to educate them on the design, performance and benefits of the Tidal Pump.

More information can be found in the Town of South Bethany newsletter, *Zephyr*, on line at http://www.southbethany.org/pdf_bulletinboard/May%202008%20ZEPHYR.pdf. This issue has a very good article by Councilman Jay Headman on what the town is doing to improve the quality of water in our canals and one by Chris Bason, science coordinator for the Delaware Center for the Inland Bays, on what you as a property owner can do to improve the quality of water in our canals. Eliminating the flow of outdoor shower water into our canals is one of the biggest improvements we can make. It also has an article on the Tidal Pump. See the link below for an excellent article on the Tidal Pump that appeared in the *Coastal Point*.

Councilman Richard Ronan also has an excellent article on the South Bethany web site bulletin board telling how property owners can help to improve the quality of water in our canals.

<http://www.southbethany.org/bboard.php?content=Bulletin%20Board&id=26#article>

Register for an e-mailed copy of the *Zephyr* at http://www.southbethany.org/registration_email.html

South Bethany Merchandise –

Sandi Roberts (roberts4224@gmail.com 537-5371,) is our chairperson for this activity. She has developed a new line of merchandise with a new logo. She now has visors, polo shirts, sweat

shirts, beach towels and more. McCabe’s is the place to go to purchase the new items.

Treasurer’s Report	Kathy Jankowski
Balance 6/1/2007	\$27,988
INCOME	
Membership Dues	15,440
Phone Book Advertisers	6,384
Aerial Photographs	6,160
South Bethany Apparel	5,232
Bull Roast Tickets	135
Interest	40
TOTAL INCOME	\$33,391
EXPENSES	
Aerial Photos	4,800
South Bethany Apparel	4,424
Bull Roast	3,946
Appreciation Dinner	3,459
News Letters	2,947
Charity (\$1,924)	
Bethany Beach FD	500
Cheer	500
Coastal Library	500
Frankford School	184
CIB	100
Bethany Beach Parade	100
Seton Center	40
Lifeguard of the Year	200
Water Quality	963
Neighborhood Watch	483
Town Beautification	250
Tax Preparation	250
Misc.	298
TOTAL EXPENSES	\$23,944
Balance 5/31/2008	\$37,435

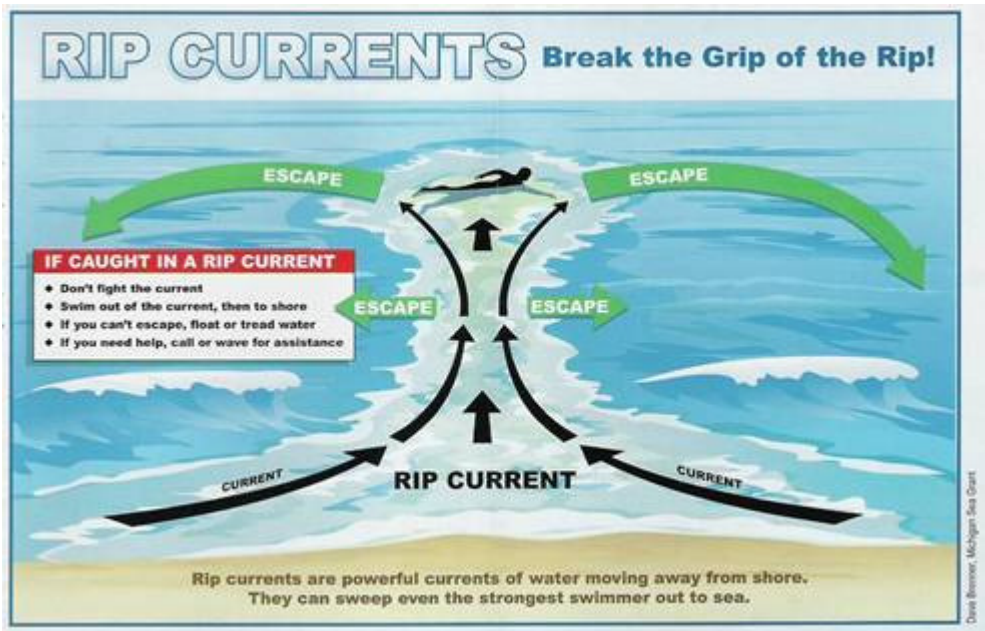
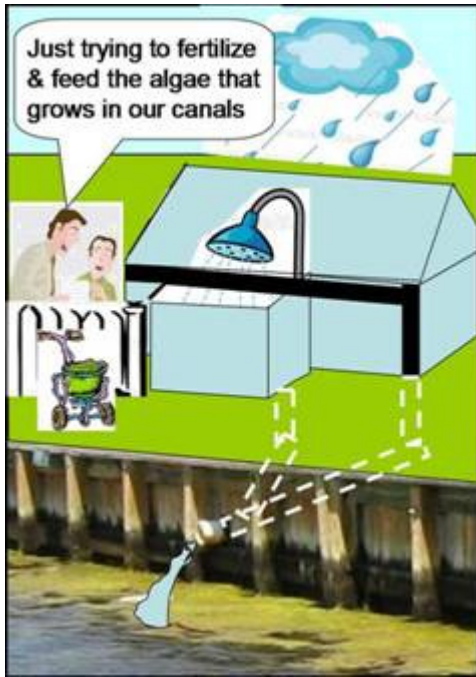
2008/09 Telephone Directory & Buyers Guide

This Directory/Buyers Guide will be delivered to your beach address the first week in July. It is designed to provide a wealth of reference & buying information to residents & visitors to the area. The book is not possible without the financial support of the advertisers. When you support them please mention that you saw their ad in the SBPOA book.

Thanks to all who made the book possible, particularly those who labored to obtain the ads. Please make sure that the book stays in your beach house so that all who visit can take advantage of the buyers guide.

Call for Volunteers - South Bethany Canal Water Quality Monitoring Program

Jack Whitney, whitneyjn@aol.com, 302-537-7004, is leading a group of volunteers to monitor water quality at 9 sites within South Bethany. He needs additional volunteers as substitutes for his existing team. The task is easy and takes less than 1 hour per week. Please contact him if you are able to help.



Know what to do if you are caught in a RIP Current

**Our beach and dune are huge and beautiful.
They saved the ocean front in the May 12 Nor'easter**



2008 Bull Roast a Big Success – The 2008 Bull Roast held at our New Town Hall and catered by Jimmy's Grill on June 7th was a big success. We had approximately 200 people, representing about 85 households, who enjoyed the festivities. We want to thank the Bull Roast Chairman, Walt Laderer, and all his team for doing such a fine job.



Backyard Solutions to Improving Water Quality in the Inland Bays

Rainbarrels: Easy Solution to Treating Pollution from Roofs on Residential Canals

By Chris Bason, Science Coordinator

You must have heard it before. When too much nitrogen and phosphorus get in our waterways, oxygen drops, algae bloom, and fish and the critters that live on the bottom leave town.

For residents on Little Assawoman Bay that's the story, especially around summertime when we should be able to enjoy the Bay the most. Major sources of these excess nutrients are agricultural fertilizers, wastewater discharges, and development.

But what fewer folks know is that smaller sources of pollution in our own backyards can have cumulative impacts to water quality. One of these local contributions to pollution is the piping of roof top runoff directly to residential canals, or for those not on canals, into storm drains.

Rain water falling from roofs was long thought to be plenty clean but, within the last decade or so, more attention has been paid to what is actually in the water coming off roofs. Studies found that roof tops are both a source and a pathway for contaminated runoff, especially when located near major highways.

Roofing material naturally degrades and can release heavy metals such as cadmium, zinc, and lead. In addition, nitrogen, phosphorus, and mercury and other pollutants are deposited onto rooftops from the atmosphere. These pollutants enter the air from auto engine combustion, volatilization from agricultural fertilizers, and from the Indian River Power Plant. In 2005, the Plant alone released at least 15,000 pounds of nitrogen compounds and 172 pounds of mercury to the air. South Bethany is in the fall out area of all these sources for parts of the year, making rooftops receiving areas for pollution.

The Center for Inland Bays estimates that for every residential roof (~ 2000 square feet) rerouted from the canal or treated with rain barrels 0.18 pounds of nitrogen, 0.04 pounds of phosphorus and at least 0.12 pounds of the most common heavy metals will be kept out of canals each year. In terms of pollutant loads these number are significant, especially if applied to numerous homes. I've friends in South Bethany that for years have been using rainbarrels to water their gardens. Personally, I live far from any water and I'm putting them on my house just for the irrigation benefits; plus I like the way the oak barrels look. If you are interested in rain barrels, search online amongst dozens of dealers, and see if your block might be interested in a group purchase to cut down on shipping.

Websites to learn more...

General Information:

www.rainbarrelguide.com
www.gardenrant.com/my_weblog/2007/12/help-write-our.html
www.uri.edu/ce/healthylandscapes/rainbsources.html

How to build your own:

www.cwp.org/Community_Watersheds/brochure.pdf

To buy a rainbarrel:

www.composters.com/rain-barrels.php

So what can you do?

The easiest solution is to use the natural filtration power of the soil around you. The ground has an enormous capacity to trap and filter pollutants so that they stay out of the water where they can do more harm. Re-routing roof runoff into flower beds, permeable lawns, or rain gardens is an option. Consider a rain garden.

Rainbarrels are another way to go. Rainbarrels are typically 40-60 gallon containers that you hook up to your downspout. They are effective at pollutant removal because they capture the first flush of runoff from the roof. This first flush contains the vast majority of pollutants leaving during a rain. Once the barrel is full, an overflow device allows the rest of the clean runoff to go into the canals, leaving the water stored in the barrel for watering yards or flowers later.

Are mosquitoes a problem? Nope, the rainbarrels should be covered so Delaware's air force can't lay eggs. Do rainbarrels work if a homeowner is away? You bet—installing a soaker hose on the open spigot will allow the slow release of the captured first flush onto any permeable surface.



Rainbarrels are available in various sizes and are made of plastic or from wood barrels. A plastic rainbarrel in 30-60 gallon capacity with downspout kit cost about \$100-\$250 range. Wooden rainbarrels are \$200-300. Or, you can make one yourself. Directions are available online.

SBPOA DATES FOR 2008 - 2009

(Fiscal Year 6-1-08 to 5-31-09)

DATE	Weekday	TIME	EVENT
June 27, 2008	Friday		Publish Summer Shore Lines
July 2008			Distribute New Telephone Books/Buyers Guide
Aug 27, 2008	Wednesday	10:00AM	Neighborhood Watch Kickoff Meeting SBPOA Membership Meeting (#2)
Aug 30, 31 & Sept 1	Sat. Sun. Mon		Labor Day weekend – Distribute Watch material
September 19, 2008	Friday		Publish Fall Shore Lines
December 10, 2008	Wednesday	Noon	Neighborhood Watch Luncheon
December 14, 2008	Friday		Publish Winter Shore Lines
February 11, 2009	Wednesday	10.00 AM	SBPOA Membership Meeting (#3) <ul style="list-style-type: none"> ➤ Establish the dues for the following year. ➤ Appoint Nominating Committee
March 20, 2009	Friday		Publish Spring Shore Lines
April 18, 2009	Saturday	10.00 AM	SBPOA Membership Meeting (#4) <ul style="list-style-type: none"> ➤ Meet the Town Election Candidates ➤ President's Report & Adopt Annual Budget
May 6, 2009	Wednesday	6:30 PM	Neighborhood Watch Thank You Dinner
May 2009			Bulk Trash Pick-Up
May 23, 2009	Saturday	All Day	SBPOA Yard Sale
May 23, 2009	Saturday	Till 7:00 P	Town Election
June 6, 2009	Saturday	4:00 PM	Bull Roast - Membership Meeting (#1) <ul style="list-style-type: none"> ➤ Nomination and Election of Officers ➤ Deadline for SBPOA membership sign-up
June 13, 2009	Saturday	10:00AM	Town Council Organizational Meeting
June 19, 2009	Friday		Publish Summer Shore Lines

The Coastal Point has many good articles of interest to South Bethany.

Links to a few interesting articles follow, particularly one on the Tidal Pump, invented by Lloyd Hughes. The Tidal Pump would significantly improve the quality of the water in our canals. However, there is significantly more work that must be done to obtain funds to design and construct the Tidal Pump. A cost study performed by KCI and Oceaneering showed that the Tidal Pump would cost between 5 to 7 million dollars to implement. For the last year and a half the Tidal Pump Committee has been working to forward the concept. The Committee knows that to get funding for the project DNREC's support is needed. The committee is working to get DNREC's support. The committee has met with Secretary Hughes of DNREC and is continually meeting with DNREC staff to answer their questions and concerns.

Tidal Pump Article http://coastalpoint.com/content/south_bethany_canals_improve_tides

New Town Buildings http://coastalpoint.com/content/south_bethany_unveils_new_town_building

Bethany Ambulance Service http://coastalpoint.com/content/big_four_seal_deal_ambulances

Links to articles in the *Coastal Point* about the May 12 Nor'easter

http://coastalpoint.com/content/breaking_news_photos_storm_causes_flooding_damage_road_closures_b_oat_beaching

http://coastalpoint.com/content/breaking_news_research_vessel_beaches_bethany_one_crewman_dead

http://coastalpoint.com/content/breaking_news_inlet_bridge_route_1_reopen

http://coastalpoint.com/content/dune_restoration_work_begins_bethany_beach

There have been questions concerning Trash Collection in South Bethany – for clarification the following is from the Town web site: “TRASH COLLECTION”:

- April, May & September—Monday and Saturday
- June, July & August—Monday, Thursday, and Saturday
- October to March—Monday

NOTE:

- Use appropriate containers to prevent garbage from being strewn about by wind/birds/animals.
- Brush/tree trimmings, etc. should be tied in bundles less than 30 lbs. and no longer than 4 ft.
- Oceanfront home trash bin/containers should be removed during off season and severe storms.
- To ensure the pick up of everyday trash, bags should be put out the night before pick-up day.
- Bulk Trash Pick-Up Day is scheduled annually in May

Recycling Program (Provided By DSWA) Sign up for recycling on the Town’s website, http://southbethany.org/recycle_form.html , or at Town Hall. The recycling program is single stream – all recyclables are collected in one container.

- Paper & Junk Mail – Newspapers, phonebooks, office paper, flyers, catalogs, magazines, wrapping paper.
- Cardboard & Paperboard – Corrugated appliance & storage boxes, cereal boxes & tissue boxes
- Plastic Bottles – Milk jugs, soda, detergent & shampoo bottles, plastic bags
- Cans – aluminum & steel, empty aerosol cans, food, beverage, & pet food cans
- Glass – Clear, green & brown containers

Recyclables are collected on Fridays: Unless there is a holiday, then collection is on Saturday.

- May, June, July, August & September – Every Friday
- October, November, December, January, February, March & April -- Only the 1st & 3rd Friday

Address

Shore Lines
SBPOA2008@aol.com
 P.O. Box 631
 Bethany Beach, DE 19930