

# FRIENDS OF THE CANAL NEWS

## Riding the Canal Rewatering Roller Coaster

Anticipation – exhilaration – disappointment – excitement – "is that all?" Keeping water in the Delaware Canal has been quite a roller coaster ride this summer.

There have been ups -

- Opening the Lehigh River gates on June 23 following the substantial completion of the flood repairs.
- Having the leading edge of the water reach Raubsville by the very next day.
- Seeing the Park staff's new tactic of gradually rewatering the Canal section by section be a success resulting in fully watered lengths.
- Watching reflections in the Canal's water.
- Hearing the water rush through bypasses and cascade over bulkheads.
- Being able to do water activities kayaking, fishing ....
- Having the Canal be so pretty that a wedding party took their photos at Groundhog Lock.
- Being heartened that so many people love the Canal especially with water in it. For instance, on September 6, Kathleen Weber posted on Facebook "I went kayaking in the canal yesterday for the first time & absolutely LOVED it!! I'm so thankful for the hard work that made it what it is today!"
- Having water in the Canal from Centre Bridge south to Lock 11 in New Hope thanks to the pump in the Delaware River at Centre Bridge and payment of the pump electricity bills by New Hope for Our Canal, a local group working in conjunction with the Friends.



The Canal looking just as it should at Locks 22/23 in Raubsville.

And then there are the downs –

- Silt bars and downed trees hung up the watering process.
- Branches and yard waste clogged wickets.
- Vegetation that came loose from the bottom of the canal prism blanketed wicket openings.
- Stone walls and waste gate openings leaked in a disconcerting manner.
- The culvert that carries the Cuttalossa Creek under the Canal collapsed. This caused the much-traveled section of the towpath between the Virginia Forrest Recreation Area and Lumberville to be closed as well as negated the possibility of watering the Canal from Lumberville south to Centre Bridge.
- The bypass channel pipe at Lock 20 south of Kintnersville partially collapsed. The Park staff was forced to restrict the amount of water flowing through so that the stability of Route 32 was not compromised. Without the bypass capacity and the ability to widen the opening in the lock bulkhead, Lock 20 has become a choke point.
- The pump at Centre Bridge has not had the capacity to raise the water level in the New Hope section above about 24".
- In late August, the level of the Delaware River dropped below
  the level of the New Hope inlet. Without water flowing through
  the inlet, which is located behind the former Odette's property,
  the southern end of the Canal from New Hope to Bristol has no
  significant water supply. Levels are low throughout the southern end.

Now summer has ended, and it's time for the roller coaster to shut down.

On October 1, PennDOT is scheduled to begin their rock removal/road wall installation project just south of Locks 22/23 in Raubsville. (Locks 22/23 are also known as Groundhog Lock and the Theodore Roosevelt Recreation Area.) To allow this work to be done, water flow will have to be curtailed at Locks 22/23. The consequence will be that there will be no Lehigh River water flowing in the Canal south of this point, and sections between Raubsville and Centre Bridge that have had water this summer will have much less to none. The PennDOT project is expected to be finished in four months or less. Note: The Park did not allow PennDOT to start this project until the fall, so that there could be water in the Canal when park visitation is the highest. The Easton to Locks 22/23 section, which is unaffected by the PennDOT's project, will remain watered.

(continued on p.7)



## Friends of the Delaware Canal

145 South Main Street New Hope, PA 18938 Phone & Fax: 215-862-2021 Email: friends@fodc.org Internet: www.fodc.org

**Board of Directors** 

Brett Webber, President
Jeff Connell, Vice-President
Judith Franlin, Secretary
Peter Sperry, Treasurer
Stephen Freeman
Joan Fullerton
Stephanie Garomon
Miriam Seiden
Greg Taylor
Lynn Vogel
Bill West
Judy Zipkin-Grasso

**Advisory Board** 

Randy Apgar
Allen Black
Jack Donohue
William Farkas
William Getchell
James Greenwood
David Heckler
Pearl Mintzer
Betty Orlemann
Deborah Palmer
Will Rivinus
David Strawbridge

Executive Director
Susan Taylor

#### Mission

The Friends of the Delaware Canal is an independent, non-profit organization working to restore, preserve, and improve the Delaware Canal and its surroundings. Our primary goals are to ensure that the Canal is fully-watered from Easton to Bristol and the towpath trail is useable over its entire length. We embrace this mission in order to sustain a unique link to our heritage, protect beautiful and diverse natural areas, provide recreational and educational opportunities, and enable the Canal to serve as a community and economic asset.

### Park Manager's Report

The flood repairs and additional wall repairs are pretty much complete with some minor touching up to be done. The process of reintroducing water into the Canal has been a series of trials and tribulations. The two biggest problems have been that the wicket gates at Raubsville Locks 22/23 have clogged with debris on multiple occasions and that the bypass pipe at the Narrows Lock 20 partially collapsed. At Raubsville, while clearing the debris, it was noticed that a lot of the branches, trees, etc. had saw cut ends. This indicates that yard/landscaping waste was being put into the Canal. Our staff investigated, and our Rangers spoke to several neighbors who may have been responsible. (Please do not deposit any materials/ waste including grass trimmings and leaves into the Canal.) We have ordered a floating boom to be installed upstream of the gates at Raubsville to divert debris away from the gates. This should help to keep the gates clear. A project to repair the pipe at the Narrows is currently in design, and this repair should be undertaken shortly.

We will need to stop the water at Raubsville in September, so that PADOT can complete a project to install a wall along SR 611 between the Canal and the road just downstream from the Theodore Roosevelt

Recreation Area. This project is supposed to take about four months to complete.

Our crew has compiled a list of items to complete while the water is out to make some repairs that were identified during this summer while we had water in the Canal. These repairs will enhance water flow when we put water back in the Canal after the PADOT project is complete.

The culvert that carries the Cuttalossa Creek under Route 32 and the Canal was recently inspected. The section under the Canal and towpath was deemed to be in danger of imminent collapse. The section nearest the river under the towpath has collapsed, and we have closed the towpath at this location. It will remain closed at least until 2015 when repairs can be completed.

The proposed project to construct a tunnel through the railroad embankment at the southern end of Morrisville is still slated for next year. DCNR is working on agreements with adjacent property owners for access.

As always thanks to your organization for all that you do to support the Canal, including various projects funded and hard work done by the CAT team and other volunteers.

Rick Dalton

## Can You Help?

We have openings in our Canal Tenders program and on our Canal Action Team.

Would you or someone you know like to adopt a section of the Canal? The job entails walking along the towpath at least four times a year to collect litter and debris, remove small obstructions, and report any significant change or problem. Most of the Canal has been adopted (thank you, Canal Tenders!), but the following areas are orphans:

- Upper Black Eddy Berm Lane to Lock 19/ State Park Office
- Falls Township Mill Creek Rd. to south end of the Levittown Shopping Center
- Bristol Township & Bristol Borough Levittown Shopping Center to Riverfront Park in Bristol Borough

To learn more about being a Canal Tender, visit the Friends' website, fodc.org, then click *Get Involved* on the navigation bar.

The Canal Action Team aka CAT needs an additional Team Coordinator. If you're up for scouting out work projects along the Canal and leading small bands of energetic volunteers in the quest to significantly spruce up the Canal, please let us know.

The work performed by the Canal Tenders and CAT volunteers noticeably improves the Canal both in its appearance and in its ability to function properly. It's rewarding in so many ways, especially personally.

If you can help or want to find out more about what's involved, call 215-862-2021 or e-mail friends@fodc.org. You'll be most welcome!



Brian
Dougherty
and Joe
Holbrook
at work
along the
Canal.

### Calendar of Events

#### October 4, 11, 18, 25, & November 1 Canal Walk 2014

After years of disruption because of flooding and reconstruction, the Friends' traditional 58.9-mile Canal Walk is close to returning. We will be walking from Easton to Bristol over five successive Saturdays, but will be making a short detour around the Cuttalossa culvert collapse south of Lumberville. Our detour will take us over the pedestrian bridge that connects Lumberville and Bull's Island to our sister canal, the Delaware and Raritan, in New Jersey. We'll follow the D&R towpath to Stockton where we will return to our canal using the Stockton-Centre Bridge bridge. All in all, we'll be walking 60 miles this year!

See page 5 for the full Canal Walk 2014 schedule. On this year's guided walking tour we will be paying particular attention to the means and methods that ensure that the water from the Lehigh River in Easton makes its way south to New Hope and beyond.

Join us and learn about the Canal's past, present, and future and enjoy the company of good friends, new and old. We welcome walkers for a half-day, a full day, or all five of the walks.



Join in
Canal Walk
2014 and be
dazzled by
autumn's
brilliance.

#### Wednesday, October 29, 6 p.m. A Haunting Evening in Yardley Join Us for Dinner at the Continental Tavern and a Canal-O-Ween Stroll.

Meet at the Continental Tavern, 2 North Main Street, Yardley, PA 19067

October 29 is our night to hang out at two of the spookiest spots in Yardley. The evening will begin with a delicious meal at the historic Continental Tavern. The owner Frank Lyons has promised to tell us all about the establishment's ghostly sightings (and there have been quite a few, especially during the building's renovation.)

Our Continental Tavern Menu

Choice of Entrée

Crooks Pasta
Fish and Chips
Classic Burger (beef, turkey, grilled chicken, or veggie)
Continental Spicy Rueben
Apple Walnut Salad with/without Grilled Chicken
Pumpkin Ice Cream

Coffee or Tea

After dessert, we will take a short jaunt over to North Edgewater Avenue to Canal-O-Ween — a spectacle of over 150 cleverly carved jack-o-lanterns lined up along the banks of the Delaware Canal. This quarter-mile-long display of creativity is amazing, and the candle-lit pumpkins, still waters of the Canal, and night shadows are classic Halloween. The stroll will surely get you in the spirit.

Donation - \$30 per person.

Reservations are required. Please call 215-862-2021 or e-mail friends@fodc.org no later than October 24. If it is raining, we won't be Canal-O-Weening, but we will meet at the Continental Tavern for dinner, lively conversation, and ghostly tales.

Canal-O-Ween begins with a community Carve-O-Thon on Sunday, October 26 from 12 to 4 p.m. The jack-o-lanterns will be on display for one week ending on Saturday, November 1. Find out more at www.canaloween.com.

# Tuesday, November 11, 6:30 p.m. Friends of the Delaware Canal Annual Meeting and Covered Dish Dinner

The Audubon Barn, 2877 Creamery Road, New Hope, PA 18938 Over its 32 years as a non-profit organization, the Friends of the Delaware Canal has created many traditions, but the most long-standing is our Annual Meeting and Covered Dish Dinner. We eat well and enjoy the company of friends. We learn, we vote, and we fulfill the requirements of the by-laws—all at one 2-1/2- hour event.

This year we're pleased to welcome David Kemmerer, Director of the PA Department of Conservation and Natural Resources (DCNR) Bureau of State Parks, and Rick Dalton, Manager of the Delaware Canal State Park Complex, as our guest speakers. They will provide insights into the future directions of the Canal and DCNR.



Pies, especially pumpkin and pecan, are always favorites at the Covered Dish Dinner.

Food is the first order of business at the Annual Meeting. Our old-fashioned covered dish dinner is a bountiful spread of entrees, salads, and desserts all provided by you and your fellow Friends. Please bring along your favorite 6-serving covered dish to share. Plates, utensils, and beverages will be provided.

After dinner, the Annual Meeting will be held. We'll hear about the Friends' 2014 accomplishments and 2015

plans from Brett Webber, President of the Friends of the Delaware Canal. Treasurer Pete Sperry will report on our organization's financial condition. This year's special volunteers will be honored, and the election of members of the Board of Directors will be conducted.

(continued on p.4)

#### **Different Times**

This article was published in the Yardley News on June 16, 1960.

#### **County and State Officials Enjoy Canal Barge Ride**

Hal Clark, President of the Delaware Valley Protective Association was host to state and county officials Friday past, when a tour of the historic canal was made from New Hope to Point Pleasant. The day was ideal for the party of nearly 150 people. County and state officials accompanied by their wives or friends made up most of the group.

Mr. Clark and Sam Thompson prepared a very interesting tour for Dr. Maurice K. Goddard and his Harrisburg staff who came to see firsthand the beauty of the canal. A chicken dinner or tuna fish dinner awaited the group after docking at Pt. Pleasant. Along the towpath were tables prepared with decorations and flags to greet the distinguished visitors.

Commodore Pete Pascuzo, who owns the fleet of canal barges, saw to it that all on board were made comfortable for the scenic ride. Pete put on his best mules for the big show.

After dinner the group was taken on a tour to see road conditions on Route 32 and inspect canal banks.



On the 1960 Canal tour. (l-r) Dr. Maurice K. Goddard, Secretary, PA Department of Forests and Waters; Mrs. Peter Pascuzzo, wife of barge line owner; Sam Thompson, President, Bucks County Association of Township Officials; Joseph Busik, owner of the Delaware Quarries, who offered free stone for Canal repairs.

According to Dr. Goddard, the State Department of Forests and Waters this year will spend \$8,634 to improve the Delaware Canal and the Theodore Roosevelt State Park. He also said that plans to create picnic sites along the banks are on the program. The announcement was made to a group of newspaper reporters on the barge "Mary P."

Dr. Goddard and his party were honored at a dinner meeting in the Tow Path House, New Hope. The budget for maintenance and operation of the canal bi-annually is \$58,000, Dr. Goddard said.

Canal Superintendent Russell Paetzel gave a list of the new projects as follows: a new surface on the Lawes Aqueduct, above Washington Crossing, at a cost of \$3,132. Repairs to the waste gate near Bowman's Hill, which allows deep water to run off into the Delaware River and prevents flooding, \$1,395.

The Department plans to replace or repair the camel-back bridge across the canal at the Dr. Sommer property on River Road, Yardley at a cost of \$1,825. Replacement of two rotted out locks, between Yardley and Washington Crossing, with cut-offs at \$1,141 each.

In addition, the State Secretary said, negotiations are under way to acquire picnic spots along the canal in the vicinity of Washington Crossing, Erwinna, Narrowsville and Raubsville.

## Calendar of Events

Following the business portion of the meeting, Bureau Director Kemmerer and Park Manager Dalton will take the floor. They will share the challenges and the exciting prospects for the Canal. Please feel free to ask questions following their presentation.

The Annual Meeting and Covered Dish Dinner is always a highlight of the Friends' year, so please come and bring a friend or two. The Annual Meeting is a great way to introduce people to the Friends and what we accomplish.

#### Save the Date



### The Friends' Holiday Party Thursday, December 4

6 to 9 p.m. The Yardley Inn 82 East Afton Avenue, Yardley

Join us for Scrumptious, Hearty Hors d'oeuvres Spirited and Soft Beverages Holiday Cheer

Donation - \$60 per person

Please make your reservations early for this popular party. For more information and to make reservations, call 215-862-2021 or e-mail friends@fodc.org.

"This Delaware Valley is full of natural beauty which should be kept intact." Dr. Goddard declared after his tour. This canal is a beautiful stream full of lovely green and is important, not only for scenic recreation, but economically.

He said his Department has resolved to continue to develop the canal from Morrisville to Easton as an historical recreational area, while continuing normal maintenance to the lower section to Bristol.

Hal Clark, president of the Delaware Valley Protective Association, planned and conducted the tour, which was the result of two years of hard work by the Association plus many conferences with Dr. Goddard.

Note: The Delaware Valley Protective Association was the organization that preceded the Friends of the Delaware Canal in canal preservation and improvement efforts.



Join CANAL WALK 2014

FRIENDS OF THE DELAWARE CANAL

Learn about the Delaware Canal's past, present, and future and enjoy the company of good friends, new and old. A journey on the Canal is always an adventure.

DATE	SECTION OF THE DELAWARE CANAL WALK	MILES
October 4	The Forks of the Delaware Recreation Area, 210 South Delaware Avenue (Route 611), Easton, PA 18042 to the Indian Rock Inn, 2206 River Road (Route 32), Upper Black Eddy, PA 18972.  Our journey will start where Lehigh Coal and Navigation Company boats entered the Delaware Canal. Imagine the endurance of the shad that make their way through the many- chambered fish ladder. Tour Groundhog Lock with its unique power house. Spy the Roebling Bridge in Riegelsville. Pass Durham – home to the famous furnace, limestone cave, and history-making boats. Lunch Stop: Theodore Roosevelt Recreation Area in Raubsville	13
October 11	Indian Rock Inn to the Kinsman Company, 4961 River Road (Route 32), Point Pleasant, PA 18950. Be awed by the 300-foot-high Nockamixon Cliffs. Indulge in a treat at Homestead Store. Step back in time in Uhlerstown, the "best preserved canal hamlet in America." Learn how Smithtown, plows, and the famous Walking Purchase are connected. Cross the Tohickon Creek on the handsome timber aqueduct. Lunch Stop: Tinicum Park, Erwinna	13.2
October 18	Point Pleasant to Bowman's Hill Wildflower Preserve, 1635 River Road, New Hope, PA 18938 Find out whether Devil's Half Acre deserves its name. Be charmed by Lumberville. Admire the River vistas and homes in Centre Bridge. Hear the stories of the artists at Phillips' Mill. Delight in the quirky tapestry that is New Hope. Discover the secrets of Lock 11 and its Locktender's House. Find out how canal boats crossed the river to get to New York.  Lunch Stop: Dilly's at Centre Bridge.	10.5
October 25	Bowman's Hill Wildflower Preserve to Black Rock Road Picnic Area in Yardley.  Take in our country's colonial history at the Thompson-Neely House, Grist Mill, and Soldiers' Graves.  Learn about the unique David Library of the American Revolution. Spy the pole that was used to unload coal boats in Yardley. Tickle your tastebuds with sweets from Cramer's Bakery.  Lunch Stop: Washington Crossing Historic Park at Route 532.	9.9
November 1	Black Rock Road Picnic Area to Riverfront Park in Bristol Borough.  Follow a great blue heron southward. View Trenton's eclectic skyline and hear about Morrisville's founder. Trek through industrialized Bucks County and find out how the coming of U.S. Steel changed the landscape. Be welcomed by the sight of the Grundy Clock Tower in Bristol. Celebrate the completion of Canal Walk 2014 at the "ring" by the River.  Lunch Stop: Falls Township Community Park off of Mill Creek Road.	12.3

All walks start at 9 a.m. sharp. Return to the starting point is accomplished by carpooling. For more information call 215-862-2021 or email: friends@fodc.org

Walk any or all of the segments. Special rewards for those who complete all 60 miles.

The Walks are free, but donations to the Friends will be gratefully accepted.

Becoming a member is even better!

## A New Facility with More Possibilities

In June, Ellen Ferretti, the Secretary of the PA Department of Conservation and Natural Resources (DCNR), announced that the department is proceeding with plans to construct a Delaware Canal State Park Visitor Center/Park Office in the Borough of New Hope. The site is located between South Main Street and the Canal, adjacent to the restored Lock 11 and the Locktender's House.

The New Hope location has the advantages of being at the approximate midpoint of the 58.9-mile-long Canal Park and being where hundreds of thousands of visitors already flock each year. It is an ideal

place to share information not only about the Canal, but also about the opportunities offered by the other 119 Pennsylvania State Parks.

DCNR is proceeding with the planning process now. It is anticipated that the new Visitor Center/Park Office will be sited on the Commonwealth-owned triangle of land that lies south of the Locktender's House. Currently, the deteriorated, concrete block mule barge concession building and the open mural plaza occupy much of the sloping space. Envisioned is a three-story building. The first story will serve to invite visitors in from South Main Street. Having an attractive presence and access directly at the Main Street level should greatly increase visitation. The street level access is a benefit in and of itself because, in all of New Hope Borough, there is only one place to get to the Canal without having to use steep stairs and that is Nye Alley, off of Mechanic Street.

Visitors can experience real canal history by moving from the first floor exhibits and amenities to the second floor, which will open out onto the Canal itself. Lock 11 and its wicket shanty and the Locktender's House are waiting to share their stories just steps away. It is envisioned that the second floor will contain a group congregation area and education center, which is currently sorely lacking on the site, as well as space needed by the canal boat ride concession operation. "With this new facility, the State Park interpretive and education program will move to a whole new level," stated Rick Dalton, Park Manager. The third story may be primarily devoted to the administrative needs of the Delaware Canal State Park staff. Please keep in mind that the design process for this new facility has not yet begun, so the specific use of space is still very much under development.

This project is part of *Enhance Penn's Woods*—a two year, more than \$200 million effort to repair and improve Pennsylvania's state parks and forests. One only has to visit the Delaware Canal State Park Office in Upper Black Eddy to realize that the old locktender's house can no longer accommodate the needs of the administrative, educational, and maintenance staff who work there, much less Park visitors.

By locating in New Hope, DCNR plans to serve current Park visitors better, attract more visitors, and foster new support and partnerships, which could benefit the Park long term. The Visitor



This is the site, next to the Locktender's House on South Main Street in New Hope, on which the Delaware Canal State Park Visitor Center/Park Office is to be located.

Center/Park Office project also can benefit New Hope and the region. The towpath has the potential to become a new circulation route for the town's visitors giving them a green, scenic alternative to busy Main Street. More use can encourage property beautification and improved maintenance by businesses and residents, and businesses can be encouraged to orient additional enterprises toward the Canal. The Visitor Center also can serve as a cultural/heritage "anchor" on the south end of South Main Street. It would be the southern base, which completes three distinct groupings of historic and educational resources: to the north, the New Hope-

Ivyland Railroad, the Bucks County Children's Museum and New Hope Arts; in the center, the Bucks County Playhouse and Parry Mansion; and in the south, the Delaware Canal Visitor Center and the Canal Boat Ride.

The future of the Delaware Canal lies with increasing numbers of satisfied visitors. The new Visitor Center/Park Office can be an important tool to ensure that the Canal becomes the outstanding historical, recreational, and natural resource that it's meant to be. Very interesting times are ahead.

## Welcome, New Friends

Estelle & Joel Bloom Steve Cickay Walter Geibler Patricia Haneman Edna Kennedy Lisa and David Swider



## We've got gifts for you to give

If you're looking for holiday gifts with Canal flair, just come to the Friends. We have —

Canal Books for Adults and Kids Canal Critter Finger Puppets
Friends' T-Shirts Charm Bracelets
Friends' Caps License Plates

And don't forget that a gift of a Friends of the Delaware Canal membership promotes our improvement efforts, offers a full menu of opportunities, and will be remembered throughout the year. And it's very easy to wrap!

## Our Business and Institutional Members

Learn more about these Friends by clicking on their links at www.fodc.org.

#### Founder

Golden Pheasant Inn, Erwinna Tinicum Civic Association

#### Benefactor

Rockwood Wealth Management Walter's Nursery, Inc., Point Pleasant

#### **Patron**

Acadia Mortgage, LLC, New Britain The Boat House, Lambertville Brett Webber Architects, P.C., Philadelphia and Erwinna

Ellenoff, Underwood & Norman, Doylestown

Einst Savings Donle of Donlessia

First Savings Bank of Perkasie

Newman & Company, Inc., Philadelphia

Newtown Bicycle and Fitness

Odell Painting, LLC, Ottsville

The River House at Odette's, New Hope

The Thompson Organization, Doylestown

William B. Parry & Son, Ltd., Langhorne

#### Member

Ahlum Gallery, Riegelsville

Appalachian Mountain Club, Delaware Valley Chapter

Borough of Morrisville

Bucks County Riverboat & Trolley Companies, Upper Black Eddy

Cramer Bakery, Yardley

Dilly's Corner, Centre Bridge

Edgar H. Denson, Post #79 American Legion, New Hope

Donnelly Marketing Services Associates, LLC

First National Bank & Trust Company of Newtown

First Savings Insurance, New Britain

T. Foster & Co., Inc., Yardley

Fox Chase Bank, Lahaska

Gratz Gallery & Conservation Studio, New Hope

The Grundy Commons, Bristol

Hobensack & Keller, Inc., New Hope

Homestead General Store & Coffee Roasters, Upper Black Eddy

La Chele Medical Aesthetics, New Hope

Leisure Craft, Warrington

Liberty Bell Wanderers, Philadelphia

Logan Inn, New Hope

McCaffrey's Markets, Yardley

NAM Planning & Design, LLC, Lumberville

John Paton, Inc., Doylestown

Peddler's Village, Lahaska

Pete's Bike & Fitness Shoppe, Flemington, NJ

Porches Bed & Breakfast, New Hope

River Road Business Alliance, Erwinna

Sand Castle Winery, Erwinna

Shearer Penn Corp., Trenton, NJ

The Stephan House Inn, New Hope

Tinsman Bros., Inc., Lumberville

Univest National Bank & Trust Co

The UPS Store, New Hope

Yardley Borough

#### Canal Rewatering (continued from front page)

Before the floods, a pump had been purchased by the Friends for the Park and installed in the Delaware River at Durham Lock 21 to provide supplemental water flow for the Canal. The floods took a toll on the pump and damaged the electrical service shed. Vandals finished off the job by stealing the electrical equipment. Over the past several months, the Park has had the Durham pump repaired and has contracted to have the electrical service restored. The plan is to have the pump up and operating in time to supply water while the PennDOT project is underway. The timing is optimal because water will be needed, and the Durham pump's capability can be tested.

The Cuttalossa Culvert replacement project is in the design phase. Recognizing that a heavily used section of the towpath is affected, DCNR has expedited the process by hiring an outside consultant to complete the plans and specifications and secure the necessary permits. The project was originally scheduled to go out for bids at the end of this year, but now it is anticipated that it can be advertised early in November.

The Lock 20 bypass solution is currently being designed.

The Park has been compiling a full list of projects that need to be done in order to make the next rewatering proceed more effectively and smoothly. The staff has been tackling problems throughout the summer, but this fall and winter, when the water levels are down, they intend to go at it full force.

To be less at the mercy of Delaware River, the Friends are investigating the ramifications of installing a screw pump in the River to supply water to the Canal from New Hope south to Bristol. It would be operated only during times, usually in the summer, when the River level drops below the level of the New Hope inlet. The screw pump is based on the principle of the Archimedes Screw and is significantly more efficient than the type of pump being used currently. It would take the place of two water wheels that conveyed water from the River to the Canal from 1832 until 1936.

The solution for the Centre Bridge pump capacity issue is being sought.

All in all, this summer's rewatering process had vigor and certainly went more smoothly than the rewatering attempt in 2010. The flow was faster, the water deeper, and the leading edge of the Lehigh River water made it all the way to Devil's Half Acre before the problem at Lock 20 set in.

If schedules are met and the winter is hospitable enough to allow contractors and the Park staff to work outdoors, we may well be looking at a very beautiful, water-filled Canal in the spring.

## Facebook Firsts

Find us on Facebook

The Friends of the Delaware Canal Facebook page is a very friendly place to visit. The nature photos are phenomenal thanks

to Carole Mebus, the news immediate, and the comments enlightening.

- Soon the Friends will have 2000 Facebook Friends, and they're from far and wide. If you do Facebook, please "Like" the Friends' page and take us to that milestone.
- 8372 people viewed the July 8 post featuring a photo of water overflowing the bulkhead at Lock 20 near Kintnersville. Our friends are sharing our posts.
- Our current record for comments on one post is 60. A photo of a turtle with a very strange-looking head elicited lots of opinions about its identity. The consensus was that it was just a plain old snapper.

#### Friends of the Delaware Canal, Inc.

145 South Main Street New Hope, PA 18938



Nonprofit Org. US POSTAGE PAID Doylestown, PA Permit No. 640

## **Keep the Canal Clear**

This summer's Canal rewatering process was very complicated, but there was, and is, one problem that can be easily remedied. This solution will allow the Canal to be rewatered more easily and faster. It also can make a great difference during times of high water from rain or the River.

For those of you who use or live along the Canal – **please** do not throw branches, logs, yard waste, or other debris into the

Canal. It doesn't miraculously disappear; it just moves southward to the next waste gate or lock structure. The material clogs the wickets or gate openings and hinders water flow. Not only does the clog prevent water from flowing southward, it can cause the level of water in the Canal to the north to rise and overtop the towpath. Canal banks and adjoining properties are threatened.

In order to clear these clogs, the Park maintenance staff is forced into

very risky situations. Friends' member Beth Weaver took photographs of the staff cleaning out Locks 22/23 in Raubsville on August 27. In her e-mail she commented, "Today the

DCNR folks were cleaning the wickets at the Lock. I didn't realize how much was involved and how precarious it was for the workers standing on those narrow ledges and bending over to gather debris!"

Please be part of the solution. Help to keep the Park maintenance staff safe and the Canal's water flowing in the right direction. Keep the waterway clear.



The Park staff cleans out accumulated debris from the wickets at Lock 22/23 in Raubsville on a routine basis.

Photo courtesy of Beth Weaver.

## You Select – Amazon Gives

The Friends of the Delaware Canal recently became one of the nearly one million organizations that are eligible to receive contributions from the AmazonSmile Foundation. Now your on-line purchases from Amazon can benefit the Friends' efforts to improve the Canal.

Here's how it works. Visit AmazonSmile on the internet, and choose Friends of the Delaware Canal as your charitable organization. For eligible Amazon purchases, the AmazonSmile Foundation will donate 0.5% of the purchase price to the Friends. It's a quick and easy way to get and give.

