The Water is Flowing – The Work is Ongoing

Park Manager Rick Dalton opened the gate that allows Lehigh River water to flow into the Delaware Canal at Easton on Monday, June 23. At first, the gate was only opened about four inches, so that there would be no whooshing water to erode the repaired banks. As the Canal filled to Locks 22/23 in Raubsville, the gate was opened incrementally.

On July 14, the Lehigh River water had reached the Tinicum Aqueduct south of the Golden Pheasant Inn in Erwinna. The water travelled 21.7 miles in 22 days. To facilitate this flow, the Park staff has been adjusting gates to keep the southward momentum. No leaks into adjoining properties have been reported. So far, so good. Knock on wood.

For timely updates on the rewatering process, go to the Breaking News page on the Friends’ website – www.fodc.org/breaking-news.html or visit Friends of the Delaware Canal on Facebook.

As the water flows southward, work is progressing. The Park staff is removing trees and debris (enough already with the wind storms) as well as silt and gravel bars. Mowing is ongoing. Several problems arose as the flood repair projects were wrapping up. Fortunately, funding was available and the two flood repair contractors have been able to tackle them. Bi-State Construction is rebuilding the stone approach walls at Lock 12 in Lumberville. Tri-State Dredging has completed a more extensive repair to the River wall north of Lumberville, and the company is reconstructing a collapsed River wall north of the Virginia Forrest Recreation Area, which is 1.3 miles north of Centre Bridge. The end is in sight for these projects.

Of more concern is the collapsed culvert pipe at Cuttalossa Road, south of Lumberville. The State engineers have determined that the pipe will imminently fail. The towpath and canal prism are officially closed. A full replacement now is being designed with construction anticipated to begin spring 2015. Pleas have and are being made to find a temporary fix. If a temporary fix isn’t possible, towpath users should detour by crossing the Lumberville-Ravenrock Pedestrian Bridge, then following the D&R Canal towpath to Stockton where a trip across the River bridge to Centre Bridge (continued on p.3)
Park Manager’s Report

The flood repair projects are complete, except for a few “punch list” items. We began the process of reintroducing water to the Canal on June 23rd and as of today July 11th, we have full sections of the Canal to Lock 20 at the Narrows. The leading edge of the water is here at Lodi.

In addition to the flood repair projects, we were able to include additional wall repairs to the work of the contractors. Seventy-five feet of river wall was repaired near Lumberville, walls at Lock 12 had collapsed and are being rebuilt, and another section of river wall just north of the Virginia Forrest Recreation Area is being rebuilt. We were fortunate that the need for these repairs was identified while we still had contractors on site.

We did complete a project that relined six hundred feet of Canal in the Borough of New Hope. The pump at Centre Bridge is running, and we have water in the Borough. The cost of the electricity is being paid for by the group New Hope for Our Canal, partners of the Friends.

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 Redfield Bridge has also been inspected, and we have been told to close the bridge. It was slated for replacement, and we are currently working with the neighbors to attain easements for construction of a temporary crossing.

A culvert pipe that carries Canal water under Old Route 13 in Falls Township collapsed and is being repaired by PennDOT.

It’s that time of year, and the crews are busy mowing the towpath and banks of the Canal.

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

CAT vs. the Cattails

On July 3, members of the Canal Action Team (CAT) waded into the Canal north of Lock 11 in New Hope and set about pulling out the cattails that had spread across the entire width of the waterway. After much schlossing through the muck, tugging, pushing, hoisting, and hauling, CAT succeeded in making that section of the Canal look canal-like again.

Two truckloads of vegetation were later hauled away by the State Park staff. Final score CAT – 1, Cattails – 0. Many thanks to CAT members Rich Einstein, Kip Mitman, Collin Stuart, and Jerry Taylor!

Visit www.fodc.org for more news
Sunday, August 24, 2 p.m.
Up on the Dike; Down on the Towpath
A Short Loop Walk in Morrisville

Meet in the parking area on the east side of North Delmorr Avenue across from the Actors’ NET of Bucks County Theatre, 635 North Delmorr Avenue (Route 32) in Morrisville. The parking spaces run along the base of the River Dike and are located just south of the intersection of Route 32 and West Trenton Avenue.

Morrisville is the only town along the Delaware River in Bucks County that has a dike protecting it from flooding. The dike serves its intended purpose well and also provides a popular pedestrian pathway. High on top, cool breezes blow, and the view is impressive. The gold dome of the New Jersey State capitol gleams; the Trenton skyscrapers soar. Two famous structures span the River—the Trenton Makes – The World Takes Bridge and the historic Calhoun Street Bridge.

On our two-mile walk, we will follow a loop that encompasses both the River Dike pathway and the Delaware Canal towpath. We’ll head south on the towpath and hear stories of Morrisville’s fascinating past—from its 1624 settlement as a trading post of the Dutch West India Company to the growth spurt that accompanied the opening of the Delaware Canal. At Bridge Street, we’ll see the statue of Robert Morris, for whom the town is named. Morris, America’s founding capitalist and financier of its Revolution, resided in Summerseat, the colonial era mansion on the hill. Next we’ll walk along the River dike where the falls, which mark the end of tidal water, are evident, and the sound of the rushing water refreshes. From the dike, we’ll return to the Canal and enjoy some lemonade.

Please bring along drinking water and any other summer walking gear that you many need. The walk will be held in sun or light showers. If the weather is in doubt, check for a go/no go message shown in the Coming Events block on the www.fodc.org homepage.

Water is Flowing (continued from front page)

will lead back to the Delaware Canal towpath. It remains to be determined whether water can be run through the culvert collapse area.

In the southern end of the Canal, water is sparse south of Morrisville because PennDOT is replacing a culvert pipe under Route 13.

All in all, the pieces of the watered Canal puzzle are coming together.

Tuesday, September 9, 7:30 p.m.
We’re Connected
The Pennsylvania Highlands Trail

The Community Room in the Point Pleasant Community Baptist Church, 35 River Road, Point Pleasant, PA 18950.

Just as the Delaware Canal was once a part of an extensive interstate commercial transportation network, today the Delaware Canal is a part of a vast trail network that reaches to the Poconos, Philadelphia and far beyond, eventually even to Maine and Florida.

John Brunner, the Mid-Atlantic Recreation Planner for the Appalachian Mountain Club, will present an illustrated program featuring one of the more recent trail connections to the Delaware Canal.

The Highlands Trail is a 130-mile-long, “rugged footpath” that extends from the Hudson River near Storm King Mountain, through New Jersey, to the Delaware River (and Delaware Canal) in Reigelsville, PA. The Appalachian Mountain Club and its many partner organizations envision extending this trail across the Pennsylvania Highlands Region from the Delaware River to the Maryland border.

John Brunner will describe this emergent trail network and discuss the common geological characteristics and historic sites found within Pennsylvania portion of the Highlands Region. The Region includes roughly 1.9 million acres in thirteen counties (Bucks, Montgomery, Northampton, Lehigh, Chester, Berks, Lancaster, Lebanon, Dauphin, Cumberland, Franklin, Adams, and York). The Appalachian Mountain Club hopes to collaboratively protect and connect the many assets of the region and create “close-to-home” recreational opportunities.

Come to this program and find out where new adventures lie.

4th Annual
Friends of the Delaware Canal
Art Show
September 12, 13, 14

See page 1 for details.

(continued )
Saturday, September 13, 10 a.m.
Bucks County Rocks Hike

Meet at the Durham Lock parking area, 1407 Easton Road (Route 611), Kintnersville, PA 18930. The parking area is adjacent to the intersection of Routes 611 and 212.

You will have heard all about the proposed Pennsylvania Highlands Trail at our program on September 9. Now here’s your opportunity to walk some of it. Join Sarah Berg, Delaware Canal State Park educator, and John Brunner, Mid-Atlantic Recreation Planner for the Appalachian Mountain Club for a 5-mile hike from Durham Lock to Ringing Rocks, a unique Bucks County Park.

The leisurely paced walk will begin on the Delaware Canal towpath (D&L Trail) at the Durham Lock and Aqueduct. This area is immersed in history – colonial, industrial, canal and natural. On the journey south, the 300-foot-high Nockamixon Cliffs will rise up on the horizon. They are the dominant feature of a place that was once known as Narrowsville - for good reason. The geology of the Cliffs is fascinating, as is the canal history here. It’s difficult to imagine that a mill on the River, a bridge over the Canal, and several landside buildings all could have fit in the small sliver of land surrounding Lock 20. South of the historic Indian Rock Inn, walkers will leave the towpath and head inland on a 1.3-mile-long, moderately steep, wooded stretch of an ancient trail. Ringing Rocks, with its 8 acre boulder field and the County’s largest waterfalls, is the walk’s destination. The rocks here do indeed ring when struck with a hammer or another rock. A car shuttle will be arranged to take walkers back to the starting point at Durham Lock.

Due to the limitations of the ancient trail, the group size for this walk will be limited to 15 people. Registration is required; the sooner the better. To reserve your place, call 215-862-2021 or e-mail friends@fodc.org.

Get to know some of Bucks County’s most famous rocks on this walk!

Sunday, September 21
10 a.m. to noon OR 1 to 3 p.m.
Paddling on the Canal

Meet at the Black Rock Road Picnic Area at the intersection of the Canal and Black Rock Road in Yardley.

The Canal south of Black Rock Road is always scenic and surprising. Trees tower over the widest of the Canal’s wide waters, and there is wildlife to spot. The Friends have had many walks along the towpath here, but now it’s time to explore the area from a different vantage point – from the water.

State Park Educator Sarah Berg will be leading two sessions of paddling in the Canal – one in the morning and one in the afternoon. Each will venture south through the widewaters area. The paddling will be leisurely, all the better to see the turtles, herons, geese, and ducks. You may bring your own canoe or kayak and personal flotation device or you may borrow one of the equipped kayaks that the Park will have on hand. There will be 15 seats available in nine single kayaks and three tandems.

Registration is required for this activity. You may register by calling 215-862-2021 or e-mailing friends@fodc.org. Please let us know by Monday, September 15. If you are planning to use the Park equipment, a $10 donation per person is requested. Family and young child discounts are available. Join us in the water!

No Longer Shabby

The Mechanic Street Bridge is one of three that cross the Delaware Canal in downtown New Hope. Its iconic camelback trusses are in good condition due to a restoration project undertaken by local volunteers, but the walkway and underside were in bad shape.

Thanks to the partnership between New Hope for Our Canal and the Friends of the Delaware Canal these problems have been addressed. In June, R-Shell Exteriors began work by removing the very deteriorated wooden boards that concealed the sewage and gas lines that run along the south side of the bridge. The Bucks County Sewer and Water Authority came in to replace the sewage line. R-Shell then returned to take on building a new wooden utility chase cover and installing metal “diamond” plates along the walkway on the southern side of the bridge deck. The diamond plates closed off the gap between the deck and the truss that posed a hazard to pedestrians. While on the job, Randy Myers of R-Shell used lumber supplied by the State Park to replace, at no charge, the rotted “bootjack boards” on the eastern side of the bridge. “Bootjacks” are the timbers attached to the main camelback truss. The new utility chase cover and the diamond plates are painted barn red, and they blend in well with the faux camelback truss structure.

Another hazard and eyesore along the Canal is no more!
Decorated ducks, decorated boats on parade, racing canal critters, lots of music, art, games, food, and community groups. The weekend of June 20th was jammed packed with Delaware Canal Festival activities in the Boroughs of Bristol, Yardley, Morrisville, and New Hope – Bucks County’s Landmark Towns.

Many, many thanks to all those who contributed to making this year’s Canal Festival an event filled with fun and community spirit.

**Thanks to**

**Our Festival event sponsors:**
Bucks County Conference and Visitors Bureau/Visit Bucks County
In Yardley – Customers Bank, our Premier Sponsor; Cranmer’s Kitchens by Design; Continental Tavern; and T. Foster & Co.
In Bristol – Blue Chip Copy and Print.
In Morrisville – Café Antonio.
In New Hope – New Hope Chamber of Commerce,

**Our Festival hosts** for all their help and support – the Delaware Canal State Park, and the Boroughs of Bristol, Yardley, Morrisville, and New Hope.

**The sponsors of Decorated Boat Parade prizes:**
In Yardley – Customers Bank, Firehouse Cycles, T. Foster & Co., Blush Hair Salon and Makeup Studio, Continental Tavern, Cranmer’s Kitchens by Design.
In Bristol – Grundy Commons, Allstate Insurance, First Federal of Bucks County and Robin and Frank Butrey.

**The many Decorated Duck Contest prize sponsors:**
In Yardley – First Federal of Bucks County, Customers Bank, Dreyfus Opticians, JoetheK, Cranmer’s Kitchens by Design.
In Bristol – First Federal of Bucks County, Jen Renshaw, JoAnna and Rich Schneyder, Spice & Co., Don and Donna McCloskey, Stephanie Croquez, Ron and Ronnie Walker, Bristol Cultural and Historical Foundation, Amy McIlvaine.
In Morrisville – Jules Tires, Penn Tavern, Garlits Group, Mr. Smoker, Ben’s Deli, Edible Arrangements, Dacey’s Pub, Yardley Carpet & Upholstery Cleaning, Roger’s Safe and Lock Shop.

**Our Duck and Critter Sellers:**
In Yardley – Customers Bank, Yardley Borough Hall.
In Bristol – The Glamorous Life, Great ID’s by Anne, Mignoni Jewelry, Spice & Co., Bristol Borough Hall.
In Morrisville – Anthony’s Pizza IV, Morrisville Borough Hall.

**Cramer Bakery** for donating duck cookies to feed the crowd in Yardley.

The members of the **Lower Delaware National Canoe Safety Patrol**, who provided expert assistance during the Yardley Boat Parade and Critter Race.

**The Bucks County Emergency Squad** for ensuring everyone’s safety in Bristol.

**Dr. Lepidoptera and Monica** who put on a great play about Monarch Butterflies in Morrisville.

**The South Edgewater Avenue residents** in Yardley, who shared their neighborhood with the Festival for the day.

**Susan, Schenley, and Lily Schneider** who created and staffed the “knock the bottle off the fence” game in Yardley.

**The Judges** for all the contests. What hard jobs!

**Everyone** who decked out boats for the Parades. The entries were phenomenal!

All the **owners of those racing ducks, turtles, and frogs**, who supported Canal improvements with their entries.

All the **non-profit organizations** who shared their stories with Festival goers.

**Everyone** who tended tables, toted chairs, lent canoes, picked up trash (by the way, there wasn’t much!), and helped out in a classic “we can do this together” kind of way.

The incredibly hard-working **Festival Event Committee** - Nancy Sherlock, Robin Butrey, Sally Bellasapica, Jim Jolly, Barbara Swanda, and Susan Taylor.

**Landmark Towns of Bucks County and the Delaware & Lehigh National Heritage Corridor**, which co-sponsored this year’s Festival with the Friends.

**Thanks for a fun-filled and successful Canal Festival**

**The John Doran**, modeled after the steamboat that ran between Bristol and Burlington Island, plied the waters of the Lagoon.

**The Commuting Women brought the Polar Vortex back to Yardley, complete with tossed ice cubes.** Photo by Bill Achuff

**The duck selling champions – the manager and staff of Customers Bank in Yardley.**

One of many of the very creative Decorated Duck Contest entries.
Save the Date!

FACES AND PLACES
IN AND AROUND LUMBERVILLE, PA
Sunday, October 5

Join the Friends of the Delaware Canal for a lively and informative trolley tour followed by food, drinks, and fun at the Black Bass Hotel.

- Meet Julia Child in her Bucks County kitchen – Bon Appetit!
- Encounter the unexpected along the lovely Cuttalossa Creek.
- Visit the studio and pastoral property of Pennsylvania Impressionist Daniel Garber, and chat with his granddaughter Dana Applestein.
- Find out how Lumberville got its name from Bill Tinsman, owner of the oldest continuously operating lumberyard in America.
- Join up with friends, old and new, at the historic Black Bass Hotel for libations and choice selections of savories and sweets.

For more information or to make reservations on-line, visit www.fodc.org and click on the link on the homepage, or call 215-862-2021, or e-mail friends@fodc.org

Individual tickets are $150 each; patron tickets are $250 each.

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Hazzard’s Camelback Bridge Is Back in Shape

Hazzard’s Bridge, one of the six remaining authentic camelback bridges along the Delaware Canal, is again structurally sound and looking spiffy, too. The Friends contracted with R-Shell Exteriors of Lancaster, PA to replace the bridge’s X braces, which are a key support component. The work, undertaken in April, entailed jacking up the bridge and then removing the old braces and replacing them with new timbers. Several repairs to the stone abutments were made, as well as a few improvements. The cost of the project was $8973 and was paid using funds raised by the Friends over the past several years.

Following R-Shell’s structural project, Canal Action Team (CAT) members, Pete Sperry, Brian Dougherty, Josh Gradwohl, Gordon Heisler, and Ken Odell, took on the second phase of the Hazzard’s Bridge improvements. They had three goals – remove spots of rotted wood, remove the old truss “roof” boards and replace them with long-lasting cedar boards, and repaint the bridge in classic barn red. They fulfilled all their goals during the course of several concentrated workdays.

Hazzard’s Bridge has returned to its glory thanks to the Friends’ many donors, Randy Myer of R-Shell Exteriors, and our ever skillful and dedicated CAT members!

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A Record!

People are following the Friends on Facebook. 8,324 people saw the photo of the Lehigh River water flowing over the bulkhead at Lock 20 near Kintnersville on July 9th. Check out the Friends of the Delaware Canal Facebook page. You’ll be treated with Carole Mebus’ fantastic Canal wildlife photos and other interesting news.

Find us on Facebook
**Our Business and Institutional Members**

*Learn more about these Friends by clicking on their links at www.fodic.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
- Capital Planning Advisory Group, Yardley
- Donnelly Marketing Services Associates, LLC
- Ellenoff, Underwood & Norman, Doylestown
- First Savings Bank of Perkasie
- 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
- 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 – NEW Member
- 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

**Sill Solutions**

**More Difficult than Expected**

The Friends anticipated that the deteriorated timber sills in Lock 18 in Uhlerstown, Locks 15/16 in Smithtown, and Locks 13 and 14 in Point Pleasant would be replaced by the end of May. Bi-State Construction has been contracted by the Friends to do these painstaking projects, which will cost at least $43,000.

Bi-State started the timber sill replacement at Lock 18 in June, and the masons have successfully completed it. One down! The story of the other locks is less rosy. Two locks were converted into one at Locks 15/16 in Smithtown. Thus the lock chamber, at 12 feet, is the second deepest on the Delaware Canal. Working on sills at the bottom of two tall, old walls is a task to be undertaken with great caution. When Bi-State began excavation to expose the full extent of the sills, it was evident that the project was more complicated than anticipated. Several different repair methods and processes are being explored. As this article is being written, the water from the Lehigh River is fast approaching Locks 15/16. The preferred action will be to run the River water through the bypass channel leaving the lock chamber dry for construction work. It remains to be seen whether this can be done. Too much water may seep/flow into the chamber. If the chamber cannot be kept reasonably dry, the sill repair project will have to wait while the water flows through. On the bright side, water does hinder wood deterioration.

And finally, as a result of the complications with Locks 15-16, it is very doubtful if the work at Locks 13 and 14 in Point Pleasant can be completed given the amount of funds available. These lock sills had the least amount of deterioration, so it is reasonable to wait until more funds are found.

There’s never a dull moment with the Canal. We’ll forge on.

![The new timber sills in Lock 18 in Uhlerstown.](image)

**Welcome, New Friends**

Elizabeth Brennan
Marie & Rodger Bushnell
Dr. Janet Christopher
Dr. Neil Cohen
Sandra Dillon
Mr. and Mrs. Kevin Duffy
Daniel Foulk
Sheila & Hal Handel

James L. Hill
Homestead General Store & Coffee Roasters
Victoria & Jerry Kahhan
Kathy & Leon Lafferty
Mr. and Mrs. John Payne
Jean Rollo
A Beneficial Lesson

This spring the Friends received an e-mail from the newly formed New Hope-Solebury High School Giving Club. The members wanted to learn more about what the Friends do. The message went on to explain that the Club was participating in “Philanthropy Today,” a program designed and funded by the locally-based Norman Raab Foundation to introduce students to charitable giving.

The Giving Club members were told that they had $5000 to contribute to non-profit organizations that they determined served the needs of their community well. They were charged with the responsibility of selecting those non-profits.

The Friends participated in a question and answer session at the High School during which the students were especially interested in our camelback bridge preservation initiative. Later, the Friends were notified that our organization was one of three chosen for funding.

In June, a ceremony was held at the Bucks County Intermediate Unit in Doylestown. Students from six school districts and the Bucks County IU presented the results of their charitable giving deliberations, and members of the family of the late Norman Raab were there to participate.

The Friends were pleased to receive a check for $1250 to further our camelback bridge efforts and heartened that the New Hope-Solebury students recognized and endorsed the Delaware Canal’s importance.

The Norman Raab Foundation has pledged to fund their innovative, student-led “Philanthropy Today” program for another nine years and involve all thirteen Bucks County school districts as well as the IU.

✅ Spring Cleaning Done

Community crews and Canal Tenders joined forces on Saturday, April 12 to give the full length of the Canal its spring cleaning. 265 people turned out for the Friends’ annual Canal Clean-Up Day. Collectively they spent 821 hours clearing trash, debris, and vegetation from the towpath and waterway and accumulated 300 full bags of trash and 20 tires.

Of special note were:

- The assistance from GOAL (Greenway Overhaul Alliance of Levittown) in the Bristol Township section of the Canal. They have clean-ups down to a science.
- The exceptional turnout in Morrisville under the leadership of Ron Scheese.
- The Morrisville-Yardley Rotary Club’s first Clean-Up Day since the organization volunteered for the Canal Tender program.
- Another impressive effort in New Hope with Chuck Tarr in charge.
- The extra duty in Smithtown, where Brian Dougherty coordinated both the Clean-Up Day volunteers and led a CAT project, which resulted in well-cleared section of berm bank.

Many thanks to all the hardworking volunteers and coordinators who made the Canal so much more pleasant to visit!