



THE CANAL QUARTERLY

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HUNDREDS VOLUNTEER AT CANAL PRIDE DAYS

Each year, the C&O Canal Trust welcomes spring with our annual Canal Pride Days. Drawing hundreds of volunteers from the community, these public events allow Canal lovers to help ready the Park for the busy season, by tackling a variety of beautification, preservation, and maintenance projects.

This year, we focused on four sections of the Park: Great Falls, Point of Rocks, Hancock, and Fifteenmile Creek. Volunteers assisted with planting grass seed; improving campgrounds and picnic areas; repainting historic structures; removing graffiti, trash, and invasive plant species; and more.

Celebrating its eleventh year, Canal Pride Days is the Park's largest public volunteer event. "Our public Canal Pride Day events bring the community together to care for their local national park," C&O Canal Trust President Robin Zanotti explains. "Volunteers are able to get their hands dirty in a way that benefits the C&O Canal and its 5 million visitors."

Our Canal Pride work doesn't end with these four public events, however. We welcome corporate and community groups for private events throughout the year, who take on a variety of projects to beautify and preserve spots up and down the 184.5 miles of



PHOTO BY TURNER PHOTOGRAPHY

Two middle schoolers sand the railings to remove graffiti at the Great Falls Overlook during the Great Falls Canal Pride Days.

parkland. So far in 2018, 907 volunteers have participated in 34 events, completing over 80 different preservation, beautification and maintenance projects. They worked 3,088 hours, valued at \$88,612.55.

"Canal Pride" continues on page 4

FLOOD WATERS IMPERIL PARK STRUCTURES



PHOTO COURTESY C&O CANAL NATIONAL HISTORICAL PARK

The towpath washed out at culvert 82 near Brunswick due to flood waters.

On May 15, 2018, a storm cell stalled over Frederick and Washington Counties and dropped six inches of rain in just two hours. Flash flooding resulted, including in our Canal Town of Brunswick, where passengers on the MARC train pulling into the station were trapped by rising flood waters for several hours.

After the water cleared, culvert 82 was gone, leaving a gaping hole in the C&O Canal's towpath. Steady rains over the following days didn't help matters, swelling the Potomac and causing flooding in the Park twice over a three-week period. Park Superintendent Kevin Brandt estimates that \$14 million worth of damage was done.

During the rains, the staff of the C&O Canal National Historical Park and the C&O Canal

Trust swung into action to protect the Park from flood waters. The Historic Great Falls Tavern and Lockhouse 6, part of the Canal Quarters program, both needed to be sandbagged to prevent damage to these historic buildings. We rallied a group of volunteers on short notice to assist Trust personnel with sandbagging Lockhouse 6, and our Quartermaster volunteers moved furniture in Lockhouses 22, 25, and 28 from the basements and first floors to the second floors to prevent any damage from potential incoming flood waters.

Additionally, there are a variety of tasks Park staff complete when there is an impending flood. Boats are dry-docked, bridges are closed, signs and railings are

"Flood Waters" continues on page 5

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A NOTE FROM THE PRESIDENT

Last year, the C&O Canal Trust celebrated ten years of service to the Park and the many accomplishments made possible through your financial and volunteer support. In year eleven, we are creating a new strategic plan for the greatest impact possible during our next five years.

This spring, we asked for your input, and we got it, with more than 500 people completing an online survey and 40 people agreeing to one-on-one interviews, giving us in-depth feedback on the best ways to preserve and protect the Park. Our Board of Directors, along with Park leadership, reviewed this input during a one-day retreat. Powerful new strategic directions were set and a fully developed strategic plan is nearly complete. Look for more news on this in the coming months.

Let's think our staff has been holed up in our offices developing strategy all spring and summer, the following pages will show us happily engaged with communities at some of our favorite places in the Park. We hosted many Canal Pride events, and our first Canal Giving Days was a successful effort to engage with Park visitors. We shared information

about the Trust and invited Park visitors to make a gift to support our work. Perhaps most popular were the dog treats and water bowls – we enjoyed making so many new human and furry friends.

We have also been busy readying Swains Lockhouse for a fall opening, and, of course, we jumped into action during the recent flooding in the Park. We worked hand-in-hand with our NPS colleagues in flood preparations, but our biggest role was to protect our Canal Quarters' rehabilitated historic lockhouses. Thankfully we only experienced minor flooding in the basements of a few lockhouses, but many hearty volunteers assisted in sandbagging and moving furniture to higher levels within the lockhouses. Many thanks to all those who helped!

We are grateful for all you do to partner with us as we work to make the Park the beautiful place that it is. I hope you are making the time to enjoy this national treasure!

Robin Zanotti, Trust President

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Robin Zanotti, ACFRE

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The C&O Canal Trust is a 501(c)(3) non-profit organization. Donations to the Trust are tax-deductible to the fullest extent of the law.

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FIRST C&O CANAL DAY INTRODUCES YOUTH TO PARK

To celebrate Latino Conservation Week, the C&O Canal Trust welcomed 75 Latino youth from Identity, Inc. for the first C&O Canal Day this July. During the day-long event at Great Falls, the youth hiked to the Great Falls Overlook, met our resident canal mules, enjoyed an outdoor picnic, rode bikes, made paracord bracelets, and participated in a Camping 101 workshop, led by our partners at L.L.Bean.

This program was part of the Trust's Canal For All initiative, which launched in 2017 with the goal of laying the foundation for a sustainable and robust engagement with African American and Latino communities in Montgomery County, Maryland. It also supports our strategic goal of developing the next generation of Park stewards by introducing youth to national parks.

Identity, Inc. assists Latino youth and their families who live in high-poverty areas of Montgomery County and who are most at-risk for poor academic and economic life outcomes, empowering them to reach their highest potential and work towards a successful transition into adulthood.

Another 15 students from Community Bridges, which works with immigrant and poverty-level young women in Montgomery County, were scheduled to attend, only to have their plans thwarted by a flat tire on their bus. This group is planning to return to the C&O Canal in the fall for an overnight at Lockhouses 6 and 10.



PHOTO BY C&O CANAL TRUST



PHOTO BY C&O CANAL TRUST

C&O Canal Days participants learn about life on canal boats in the Great Falls Tavern Visitor Center and set out on a towpath ride.

SWAINS LOCKHOUSE REHAB NEARS COMPLETION

The contractor is wrapping up work in Swains Lockhouse, marking a major milestone in our rehabilitation of this lockhouse. When complete, Lockhouse 21, "Swains," will join our award-winning Canal Quarters program as the seventh lockhouse available to guests for overnight stays.

Swains will be a multi-purpose Canal Quarters lockhouse, with part of the building housing accommodations for up to eight guests. When not in

use as a Canal Quarters residence, it will be a designated space for the Canal Classrooms program. Students on educational trips to the Park will be able to participate in learning activities in the lockhouse.

After the contractor completes its work, the Trust will get busy installing cabinets, painting, and furnishing the lockhouse, along with installing interpretive materials including photographs from the Swain family and scrapbooks of the rehab.

With thoughts of flooding still lingering (see page 1 for the story), we have included multiple features aimed at minimizing damage during future flooding. The house has pressure-treated subflooring and joists, as well as pressure treated plywood on top of the existing slab. The new flooring is a Click-n-Go floating floor, easy to remove and replace in the event of flooding. All wall



PHOTO BY CHRISTINE RAI

framing uses pressure-treated wood for moisture resistance, and perimeter walls use closed cell spray foam insulation to act as a vapor barrier that can be aired out if needed. All new electrical components are placed at 36" above grade to provide some protection, and the rear window in the living room has been raised six inches up from grade to place it above floodwaters. Grading will also be done in the surrounding landscaping to promote positive drainage.

We anticipate Swains Lockhouse will open to guests this fall. You can continue to watch www.CanalTrust.org/Swains for updates.



PHOTO BY C&O CANAL TRUST

The pantry door in Swains Lockhouse's new kitchen is shown above, along with the pipes for the sink. Inset is one of the new upstairs windows.



PHOTO BY C&O CANAL TRUST

FIRST GIVING DAYS CELEBRATES CANAL, RAISES FUNDS, SHARES STORIES

To celebrate the return of spring, National Park Week, and our beloved C&O Canal, the C&O Canal Trust hosted its first C&O Canal Giving Days in April. The event included a concentrated fundraising campaign with a goal of raising \$10,000 for the C&O Canal National Historical Park, which would then be matched by another \$10,000 from our Board of Directors. We were out in the Park on a beautiful Saturday, raising money to preserve and protect the C&O Canal. Ultimately, C&O Canal Giving Days surpassed our goal and raised \$27,376 for the Park, and we thank everyone who contributed to its success!

During our Giving Days, we shared a variety of stories about why YOU love the C&O Canal through our social media feeds. Dr. Anthony Fauci shared that the towpath is his training ground for the Marine Corps and New York City marathons. Barbara Cortese and her high school friend Linda Clemmer tackled a bucket list item when they rode from Pittsburgh, PA, to Washington D.C. on the Great Allegheny Passage and the C&O Canal towpath. Dennis Price emailed us a poem he composed while biking the towpath with his teenage daughter. Even animals shared their canal stories, with



Barbara Cortese and Linda Clemmer rode from Pittsburgh to Washington D.C. on the Great Allegheny Passage and the C&O Canal towpath.

Suz Thackston's horse Fiona and Board Member Francis Grant-Suttie's dogs Lakota and Layla getting in on the action.

We know that the C&O Canal is important to each of us for different, personal reasons, and we love hearing your stories about what YOUR canal is. We encourage you to share your stories with us by emailing them to communications@canaltrust.org or sharing them on your social media feeds with the hashtag [#MyCanal](https://twitter.com/MyCanal).

We think every day is a Giving Day, because every day the canal gives us something in return. You can make a gift at any time at www.CanalTrust.org/give.

CANAL CLASSROOMS PREPARES FOR SEVENTH YEAR OF PROGRAMS

Canal Classrooms, the education program of the C&O Canal National Historical Park, is gearing up for its seventh year. Launched in 2013, the program has grown every year since its inception, with over 60,000 local school-aged children participating in STEAM-based lessons (science, technology, engineering, arts, math) over the past six years.

Canal Classrooms gets kids out of the traditional classroom and into the Park, where they learn about the C&O Canal through hands-on lessons taught by Park Rangers and the Canal Classrooms Corps (CCC). The CCC is made up of 50 retired teachers, recruited and trained to deliver the Park's education programs. The C&O Canal Trust supports stipends for these teachers, who this year provided over 3,000 hours of service.

"The Trust strongly supports the Canal Classrooms initiative as a means to provide grade school and high school-aged children the chance to learn the history, culture, and science of the canal outside of a traditional classroom setting," Trust President Robin Zanotti said. "We are so appreciative of the generosity of the individuals who, through their gifts, make this unique educational opportunity a reality."

Canal Pride, continued from page 1

Again this year, the C&O Canal Trust held an artwork contest around Canal Pride. Artist Kevin Rudolph's winning design, shown at right, was featured on this year's Canal Pride Days shirts worn by volunteers.

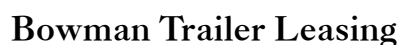
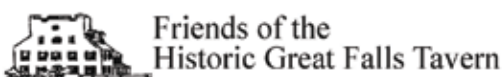
We want to express our most sincere appreciation to our Canal Pride Days sponsors: REI, the National Environmental Education Foundation, Guest Services, M&T Bank, the Friends of Historic Great Falls Tavern,

Minkoff Development Corporation, Younger Toyota, Bowman Trailer Leasing, Keller Stonebraker Insurance, Inc., the Rotary Club of Hancock, the Hancock Chamber of Commerce, and the Hancock Lion/Lioness Club.

If your group would like to volunteer for a Canal Pride event, contact Volunteer and Program Coordinator Josh Whitman at whitman@canaltrust.org or 301-745-8888.



Thank you to our Canal Pride sponsors!



CANAL QUARTERS WELCOME GUESTS FROM PAST

It was brutally hot the last week of June. If you thought you saw Civil War soldiers milling around Lockhouse 25 at Edwards Ferry, you probably assumed the heat was causing you to hallucinate. But in fact, Civil War soldiers made this Canal Quarters lockhouse their home for a night during their five-day march from Whites Ferry to Gettysburg, PA.

From June 27 to July 2, 2018, about 15 Civil War re-enactors re-created the 6th Corps' 1863 march from the Potomac River to what would become the Battle of Gettysburg. They were under Union General John Sedgwick when they undertook what is considered to be one of the most extraordinary marches of the Civil War.

The men on the 2018 march traveled from Whites Ferry to Edwards Ferry, to Clarksburg via Poolesville, to Taylorsville via Mount Airy, to Manchester via Westminster, and finally arrived in Gettysburg after marching through Union Mills and Littlestown.

The evening they arrived at Lockhouse 25, they encountered several women from the Atlantic Guard Soldiers Aid Society. "We tried to recreate the experience of a family at the lockhouse coping with the unexpected arrival of military during a time of war," explained Society member Faith Hintzen.

Wilson LeCount was one of the troops who marched the 92 miles, and he was appreciative of the food and hospitality awaiting him at Lockhouse 25. "The building was really neat," he explained, "and I loved the display you had in there, with great photos of Whites Ferry and the history of the canal."

"The march itself was really a great experience. After marching those



PHOTO BY DON STREET

Civil War re-enactors tracing the footsteps of the Union 6th Corps' 1863 march from the Potomac to Gettysburg arrive at Lockhouse 25 for a night's rest.

92 miles, we gained so much respect for the original cast. While we were able to go home and take showers and relax, they had to do that for 4 years," Wilson reflected. "We were lucky enough to be able to use bandaids, moleskin, and other twenty-first century medical supplies. I can't imagine marching for months at a time without any of those things to help us out."

Whether you live in the nineteenth century or the twenty-first, you can create your own memories in our six Canal Quarters lockhouses (soon to be seven—see "Swains" article on page 3 for more). Each lockhouse is available for overnight stays, sleeping up to eight people. Furnished in different time periods depicting the canal's history, you can feel like you have stepped back in time, even if you are wearing modern clothing. Visit www.CanalTrust.org/quarters for more information and to book your stay.

Flooding, continued from page 1

removed, barriers are erected, boat ramps and parking lots are closed, and campsite and towpath visitors are evacuated.

Park staff traditionally also make a variety of adjustments to the water levels in the canal before flood events; however, this year, the canal was already drained due to construction work (see page 7 for details).

During this year's floods, the Park was impacted from Taylors Landing (mile marker 81) all the way to Great Falls (mile marker 14). After the waters receded, there were many trees down, and the towpath was so wet and muddy that maintenance crews couldn't move equipment in to clear the path. After several weeks of devoted work from both staff and volunteers, the towpath is again open for its 184.5-mile length, except for the breach near Brunswick, which will require a more complicated fix.

Many portions of the towpath are now covered with silt from the river. When the towpath is dry, it is fairly easy to bike over, but when wet, it's a challenge to traverse. The good news, always nice in situations like this, is that the Park was just awarded \$1 million to

resurface the towpath from Brunswick to Shepherdstown, which is where the most damage occurred. This money is coming from the Transportation Alternatives Program (TAP) through the Maryland Department of Transportation, due to advocacy efforts led by the C&O Canal Trust. Work will include improving drainage, removing tree roots and other hazards, and resurfacing the towpath with a material similar to that used on the Great Allegheny Passage (GAP) trail, which connects to the C&O Canal towpath to form one of the premier cycling routes on the east coast from Washington, D.C. to Pittsburgh, PA.

We are grateful to the volunteers who assisted us with flood recovery efforts. Our number one responsibility is to protect and preserve the C&O Canal National Historical Park. The Park is no stranger to flood waters, and when we all work together, we can help it recover in the aftermath.



PHOTO BY FRANCIS GRANT-SUTTIE

Volunteers pose after successfully sandbagging Lockhouse 6.

SPRING PHOTO CONTEST WINNERS

Our photographers captured the transition from winter to spring along the C&O Canal during our photo contests in March, April, May, and June. Congratulations to MJ Clingan, Mark Crilley, and Paul Graunke on their winning photographs, shown here. Visit <http://www.canaltrust.org/photocontest> for more details on how you can enter your canal photography in our monthly contest, and visit our Facebook page at the beginning of every month to vote for your favorites!



PHOTO BY MJ CLINGAN (June Winner)



PHOTO BY MJ CLINGAN (April Winner)



PHOTO BY MARK CRILLEY (March Winner)



PHOTO BY PAUL GRAUNKE (May Winner)

2019 CALENDAR ON SALE NOW

Enjoy the beautiful vistas of the C&O Canal National Historical Park all year long with our 2019 Annual Calendar. Proceeds benefit the C&O Canal Trust's preservation and beautification work in the C&O Canal National Historical Park.

Photography includes

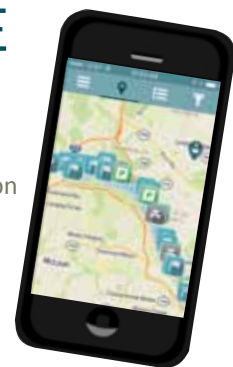
- Great Falls by Hallie Erfourth
- After the Ice Storm at Lock 44 by Mark Crilley
- Beautiful Scenery Times Two by Jessica Reehl
- Redbud Above Whitewater by Ruth Wittersgreen
- Great Falls Tavern by Jan Branscome
- Williamsport Sunset by Matt Brant
- Beauty at Lock 15 Widewater by Char Harouna
- View of Harpers Ferry by Randy Miller



- South Portal of the Paw Paw Tunnel by Paul Graunke
 - McMahon's Mill at Big Slackwater by Michelle Strickland
 - Golden Glory at Lock 44 by MJ Clingan
 - Lock 40 in the Mist by Anne Meador
 - Near Pennyfield Lock by Brian Cipperly
- Buy now at www.CanalTrust.org/calendar.

MOBILE APP AVAILABLE

Our C&O Canal Explorer mobile app launched in the summer of 2017 as a navigation and interpretation tool to assist visitors in exploring the 184.5 mile-long C&O Canal National Historical Park. It includes over 600 points of interest in the Park mapped in a searchable format, allowing users to find at a glance hiking trails, historic sites, trailheads, parking, and more. The app also calculates the distance from a user's location to nearby amenities and points of interest, with the ability to view what lies both upstream and downstream of a current location.



The app is available for both iPhone and Android devices at www.CanalTrust.org/app.

DONOR PROFILE: DENISE AND KIM HORNER

When asked why she and her husband, Kim, are monthly donors to the C&O Canal Trust, Denise Horner smiled and replied, “Because it’s so easy. We don’t have to think about it.”

“A visit to the canal rewards us every time we come here. It’s good to know we are supporting it all the time,” she added.

Recent rewards include the sighting of two bald eagles at the Antietam Aqueduct, a tree felled by beavers near Cumberland, and a train whistle near Brunswick that reminded Denise of her grandfather who was a train engineer.

“We can come here just for the afternoon, but it feels as if we’ve been on vacation,” Denise said.

Both Kim and Denise are lifetime residents of Washington County and have been enjoying the canal for as long as they can remember, “section biking” almost the entire towpath over the years. It was a favorite venue for family outings when their two sons, Jimmy and Joey, were young, and, according to Denise, it remains the one thing the boys are still willing to do with mom and dad now that they are both “20-somethings.”

“The C&O Canal is such a treasure. We love it for its peacefulness and scenery and wildlife,” said Kim.

“And its history,” added Denise. “If there’s one thing we learned from the Great Recession of 2008, it’s that if we don’t take care of the things we love, they go away.”

“We value all of our donors,” said Robin Zanotti, President of the C&O Canal Trust. “Monthly donors like the Horners, however, occupy a special place because they understand the importance of providing sustaining support to the Park, which is open every day and is freely accessible to visitors everywhere except at Great Falls. A great way to help ensure that it continues to be so welcoming is to support it with a recurring monthly donation.”



PHOTO COURTESY DENISE AND KIM HORNER

Denise and Kim Horner, avid users of the C&O Canal National Historical Park, support the C&O Canal Trust as monthly donors.

“And those monthly gifts add up,” she added. “If just 100 Park lovers gave \$25 a month, the total would come to \$30,000 annually – a not inconsiderable sum.”

To become a monthly donor, please visit www.CanalTrust.org/give, and select “Monthly Recurring” from the Gift Frequency drop down menu.

C&O CANAL CONSTRUCTION UPDATES

A variety of exciting construction projects are in progress in the Park. More information on all of these projects is available at www.nps.gov/choh.

Georgetown Project

The walls of Lock 3 have been reconstructed, and new lock gates are being built off-site to make this area usable for canal boats once the project

is finished. At this time, the canal is drained from Lock 5 to the Georgetown boundary, and detours are in place around the construction site.

Locks 5-22 Project

The contractor began work on the Locks 5-22 project in December 2017 to improve several locks, waste weirs, bridges, and other water control structures to help them withstand impacts from flooding and to enable the canal to consistently hold water.

Construction will continue at eight work sites between mileposts 5 and 16.9 until spring 2019. Because the canal has been drained for this work, the Mercer canal boat will not offer rides during the summer of 2018. The mules will still be at the Great Falls Tavern Visitor Center to visit with guests. Detours around the project are in place.

Culvert 82

The towpath is closed at Culvert 82, due to a washout caused by the spring floods. There is no detour in place at this time due to unsafe conditions on adjacent roadways. The Park is in the process of deciding how to fix this breach.

Conococheague Aqueduct Project

Masonry work is continuing on the aqueduct. The towpath and aqueduct are currently closed around the Cushwa Basin and will be until the project ends early 2019. Detours are in place.

Paw Paw Tunnel Project

The Paw Paw Tunnel project is addressing the deteriorating rock slope that has caused several dangerous rock slides. Loose, unstable rock is being removed from the area approaching the north tunnel portal. Detours over the Tunnel Hill Trail are open, but require cyclists to dismount and walk their bikes.



PHOTO BY C&O CANAL TRUST

Contractors are at work at Great Falls, repairing canal structures to allow them to withstand flooding impacts.



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