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Summer activities keep the FWWIC buzzing! From Project Flow to “Less Grey + More Green = Clean Water” camp, the IC is definitely NOT on summer vacation!

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Let Knowledge Flow: just as drinking water once flowed from the Fairmount Water Works to the City of Philadelphia, knowledge is flowing from the IC to visitors of all ages.

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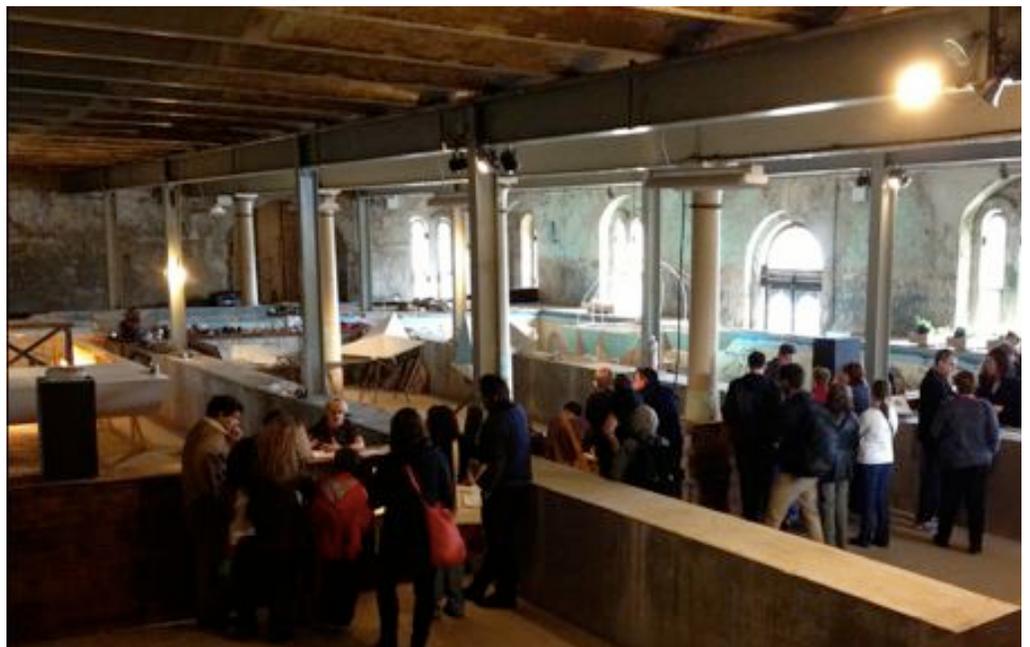
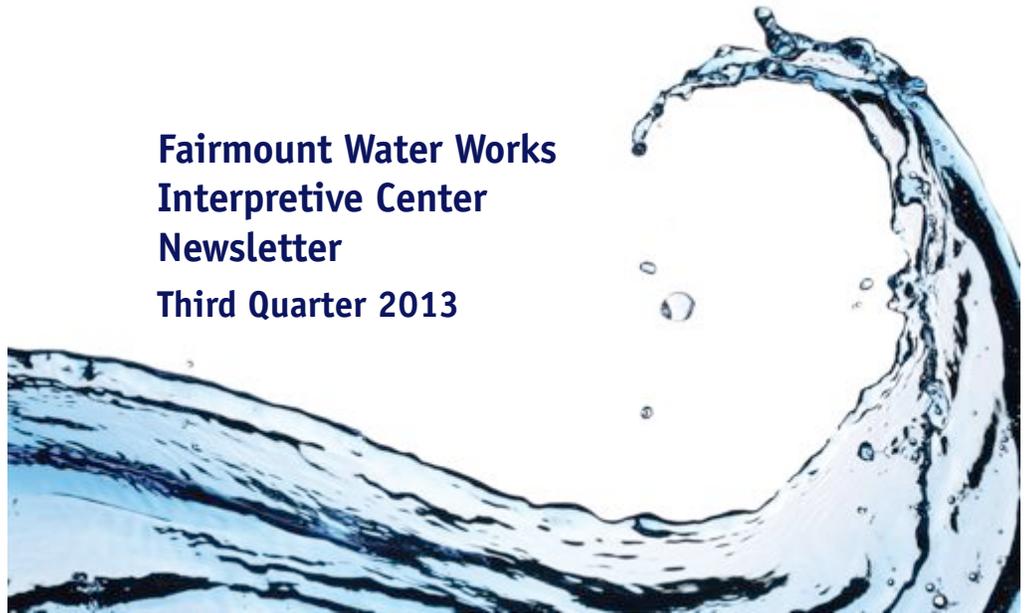
General Lafayette and the Greenbuild conference: two events take us back to the past and out to the future.

### Pages 11-14

Science Saturdays, Sunday Cinemas, Pop-up Activities and more: there's always something happening at the FWWIC! Check out pages 13 and 14 for special events you won't want to miss!

## Fairmount Water Works Interpretive Center Newsletter

Third Quarter 2013





## Water in Our World

According to the United Nations, two-thirds of the world's people will face water scarcity by 2025.

Worldwide, a child dies every 20 seconds from unsafe water or sanitation.

Almost 900 million people worldwide still do not have access to safe drinking water.

Over 2.5 billion do not have access to adequate sanitation.

### What are the challenges and solutions?

Please join us on Friday, October 25, as Dr. Peter Gleick, Co-Founder and President, Pacific Institute, presents his views on "Global Water Challenges, Issues and Solutions." This lecture will be from 5:30 to 7:00 p.m. at the Philadelphia Museum of Art, Van Pelt Auditorium.

Following the lecture, there will be a reception for Dr. Gleick at the Fairmount Water Works Interpretive Center, from 7:00 p.m. to 9:00 p.m.

For more information, see page 14. For tickets to either or both events, please go to: <http://globalwatergleick.eventbrite.com/>

## Summer Discovery at the FWWIC

Once the the school year was over, you might think that things were slow and quiet here at the FWWIC. It was---for a day or two before our summer programs kicked into full gear!

Project Flow, science camp, visits from many local camps, Watershed, pop-up activities, tours and more are keeping us bubbling with activity. Our regular programs such as Science Saturday and Sunday Cinema continue all year as well. See pages 11 through 14 for all the details.

Learning and discovery don't stop during the summer, and it can be a perfect time to allow young people to focus on the STEAM (Science, Technology, Engineering, Art & Architecture, Math).

This year, returning Project Flow alumni who experienced a new way to interact with their world are now mentoring current participants (see pages 3 and 4).

Our Tours program continues to expand, and being a volunteer tour guide proves to be an eye- and mind-opening experience (see pages 6 and 7).

Our activities moved beyond the FWW site as the City of Philadelphia opened The Oval, a new public space dedicated for the summer to free family fun. We were there on Thursdays, bringing the environment to life for people of all ages.

The FWW site was recently turned into an art installation to provoke visitors to think about water resources in a personal way (see pages 9 and 10).

For more information on how you can become involved in our present and future, please read the message from Karen Young, Director of the FWWIC, on page 5.

## FAIRMOUNT WATER WORKS INTERPRETIVE CENTER

640 Water Works Drive • Philadelphia, PA 19130 • 215-685-0723 • [www.fairmountworks.com](http://www.fairmountworks.com)

### Hours

Tuesdays – Saturdays: 10:00 AM to 5:00 PM

Sundays: 1:00 PM to 5:00 PM

Closed on Mondays and City Holidays

The Interpretive Center is ADA accessible.

We invite you to Friend us on Facebook at "Fairmount Water Works" and follow us on Twitter at @FWWIC!

*Donations to the FWWIC can be made on line at our website, or with a check to "The Fund for the Waterworks – IC."*



### Project Flow Brings Colors to Life!



**P**roject Flow is a partnership with the Fairmount Water Works Interpretive Center that brings rising ninth-graders from all over Philadelphia to the FWWIC to experience science, art, writing and more. Ellen Freedman Schultz, the FWWIC education and outreach coordinator, is the program leader.

Recently, author Beth Kephart visited Project Flow to talk about her three books, all of which use the Schuylkill River as a location. *FLOW* is entirely about the river, while *DANGEROUS NEIGHBORS* finds its protagonists skating on

its frozen skin (with calamitous results), and *DR. RADWAY'S SARSAPARILLA RESOLVENT* features an historic river race.

The conversation moved from the books to rivers and language and “mellow yellow fish!” Beth asked the students to reflect on the colors of their lives, and was so amazed by their responses that she wrote a blog about it: <http://beth-kephart.blogspot.com/2013/06/project-flow-teen-writers-and-color-of.html>. We thank Beth for her involvement and expressive writing about Project Flow.

Some of those moving and extraordinarily insightful responses:

The color of my life is a pink and a blue fighting over a **green**. Pink wants green to be pink and the blue wants green to be gold when green just wants to be green and left alone.

— Tiara

The color of life is a **red orange** flame, when blue cooler yet warmer, and black when deceased.

— Rafael

The color of my life is a **deep shade of blue**.

A cool, calm, collected blue. A quiet silent in the night blue. And sometimes a sad blue. But on some days, this blue turns as bright as an afternoon sky.

— Liam

The color of life is a brilliantly **bright orange** that shines pure, untouched. It is like the age of the sun except with a perfect unblemished glow.

— Jake

The color of my life is a **light blue**. It was once a very dark blue close to black-purple. As the story of my life goes on the blue gets lighter and lighter defining the very exciting and depressing point in my life.

— Erika

*Two of this year's mentors talk about their experiences on page 7.*



(continued from page 3)

## Project Flow: Moving From Student to Mentor

### ***From Te'h:***

I attended Project Flow last year because I wanted to learn more about water; I just wanted to learn more and get new experiences.

The thing I liked best was the camping trip. I never went camping in a tent before and it was a great experience.

I learned things about water that I didn't know before. It helped me make better choices about the water I drink.

They helped me with my public speaking with the speech we had to do at the end of camp last year.

I really enjoyed Project Flow last year so I thought I should come back and help out.

I'm still learning while I am an assistant. And it's different because now I get to help out and tell the students some of what I learned.



### ***From Mariama:***

I attended Project Flow last year to experience new things and to learn things about water. I liked many things about attending the summer program such as how everything we did was educational and the camping trip. I especially enjoyed the camping trip because I didn't expect it to be as fun as it was.

I decided to be an assistant this summer because I wanted to work with the students. It is different being an assistant versus being a participant because it isn't as fun now since we have nothing really to do because the activities are supposed to be for the students.

I think being an assistant this summer has helped me be more patient with people younger than me.



Project Flow 2012 participants explore water and their environment.

## Newsletter for the Fairmount Water Works Interpretive Center



### From Water to Knowledge: Let It Flow!



(Top) *Fair Mount Water Works on the Schuylkill River*, was drawn by Thomas Doughty, 1829, and engraved by W. E. Tucker for Cephas Childs.

To order a copy of this special print, please visit: <https://www.etsy.com/listing/115916373/antique-philadelphia-print-fair-mount>. Purchasing the print supports science programming at the FWWIC, and gives you the opportunity to bring a bit of history home!

(Bottom) A vision of the future: our design charrette developed dozens of concepts for the expansion inside and outwardly of the FWWIC!

#### *Dear Friends,*

As we celebrate the anticipated expansion of the Fairmount Water Works Interpretive Center and our 10-year anniversary, it is awe-inspiring to think back to the early 19th century.

The original FWW was a wonder of the world — a tourist destination that demonstrated the latest technology of its time. For the first time in a major US city, water flowed into homes, providing this precious resource to over 3,000 homes and businesses. The FWW set the standard for bringing water to the people, and was a major reason for the industrial strength of the region.

While water no longer flows from the FWW, another key resource bubbles out: knowledge! Where the steam engines once pumped, STEAM now fills the air: Science, Technology, Engineering, Art & Architecture, Math. Add history, archaeology, urban planning, music and more – it's all here.

From the classroom to the lab to the river, students, teachers, urban planners, academics, visitors and volunteers are part of the give-and-take of the Fairmount Water Works Interpretive Center. Their involvement gives us new ways of thinking, and they take away knowledge that can flow to their communities. The FWWIC is now a regional center for information on water resources: the challenges and solutions.

#### **We invite you to get involved!**

Take a tour, and learn about the buildings on the street — and what is happening beneath your feet. Image being a tour guide and bringing history to life.

Support our educational programming by attending our events. From music to craft brewing to global water issues, you'll find a wide variety of programs every month.

Become a part of the FWWIC. As we begin our expansion, your donation can bring the wonder of science to a young woman, help a young student experience living history, or add beauty to our riverbanks by supporting artworks that will be enjoyed by thousands of visitors to Boathouse Row.

The first step is to visit the FWWIC. We look forward to seeing you soon, and to seeing you often. Thank you for adding your support and making sure we can continue to Let Knowledge Flow.

*Thank you,*  
Karen Young, Director, Fairmount Water Works Interpretive Center

*To support our educational programming with a donation, please go to [www.fairmountworks.com](http://www.fairmountworks.com) and click on "Make a Donation" on the right.*



Newsletter for the Fairmount Water Works Interpretive Center



Touring Around Town...and the FWWIC!

Our Current Tours:

**A Walk in the Park-way**

**Wednesdays, 6:00 - 8:00 p.m.      Sundays, 2:00 - 4:00 p.m.**  
**\$10/Adults, \$8/Seniors, \$5/students with iD.**

Put on your walking shoes and discover the magnificent buildings along Philadelphia's own Champs-Élysées, and what lies beneath them. Start at the Fairmount Water Works, where wheels once pumped the City's drinking water, then embark on a mile-long stroll down the picturesque path from Fairmount Park to Logan Square and back again.

A ideal tour for history buffs, cultural connoisseurs and architectural mavens, it explores the cultural, educational, and architectural development of the nation's original capital.

You can order tickets at <http://fwwicwalkintheparkway.eventbrite.com>.

**Fairmount Water Works – Inside and Out**

**Saturdays, 1:00 p.m. 60 minutes      FREE, no reservations required**

The tour begins inside the Interpretive Center in front of the Visitor Services Desk and includes an exterior tour of the site, covering the history of the Fairmount Water Works before ending back inside for an orientation of the Water in Our World exhibit area. Attendees also have the opportunity to see the 15-minute historical movie on the Water Works in the Center's theater before touring the exhibit areas on their own.

**River Reimagined**

**Fridays, 10:00 a.m. 30 Minutes      FREE, reservations required**

The external façade of the Fairmount Water Works is an architectural wonder and housed within is a technological marvel. Explore the birthplace of water supply and how it fused nature, technology, and architecture to attract tourists from around the world while roaming the classically landscaped grounds that were once a respite for the likes of Charles Dickens and Mark Twain.

**Milling Around Tour**

**Wednesdays, 2:00 p.m. 45 Minutes      FREE, reservations required**

Eye-level with the Schuylkill, walk the same underground paths as a royal family and Olympic swimmers during a behind-the-scenes look at Philadelphia's first tourist destination and be the first to hear about the future expansion of the landmark that pioneered engineering, tourism, and environmental awareness in Philadelphia.

**To reserve any of our free tours, please call 215.685.0721.**

**Private tours are available year-round.**

(continued on page 7)





Newsletter for the Fairmount Water Works Interpretive Center



Touring Around Town...and the FWWIC! (continued)

(continued from page 6)

Take a Tour – or Become a Tour Guide!

There are many reasons why someone volunteers to be a tour guide at the FWWIC, and for Sara Richardson it was having worked with Tours Coordinator Ken Hinde at the Foundation for Architecture.

Sara had retired from her job as a librarian 10 years ago, and began giving tours at the Foundation as well as for other groups such as Elderhostel (now Road Scholars). So it seemed like a natural move to work with Ken again here at the IC. Years ago, Sara lived in the Fairmount area and had often walked around the Water Works site. "I would wish that someone would fix up these beautiful buildings," she remembers.

After the FWWIC opened, Sara had visited a couple of times, but not to focus on the science exhibits. "I'm not a scientist," Sara explains. "My interests are more in the areas of architecture, the aesthetics of the site, and the history of Fairmount Park and how it is connected to the Fairmount Water Works."

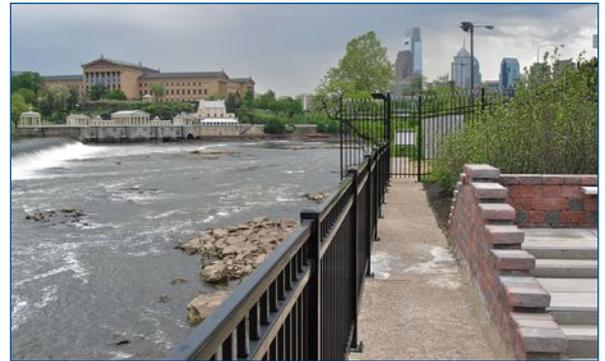
She is fascinated that the Water Works was a world-renowned tourist destination in the 19th century, bringing together architecture and science and attracting visitors from around the world to Philadelphia.

Sara has given a number of tours in her six months as a guide, often to senior groups. "They are usually surprised about the swimming pool and the connection to the Kelly family," she notes. "They are also amazed about the history of the FWW and in particular want to know how did the water get all the way up to the top of the hill and into the reservoir!" She adds, "I have the same question – even when you know the science, it's still very impressive!"

Visitors are also fascinated by the dam and the fishway ladder. "How were they built?" and "Were there locks at the dam?" are some of the most commonly asked questions.

Along with educating tour participants, Sara is expanding her own knowledge. Although her two masters degrees are in library science and Russian history, "I am now more interested in science, and I had no idea I would feel that way," she says. "I know now that I should drink Philadelphia tap water because it's safe and economical. I've become a missionary for Philly water!"

You can join Sara as a volunteer tour guide by contacting our coordinator Ken Hinde at 215-685-0723 or by e-mail at [hindeka@msn.com](mailto:hindeka@msn.com).





### It's YOUR Turn!

### Keep It Cool This Summer

Keeping cool on hot summer days isn't always easy. One thing NOT to do is to open a PWD hydrant.

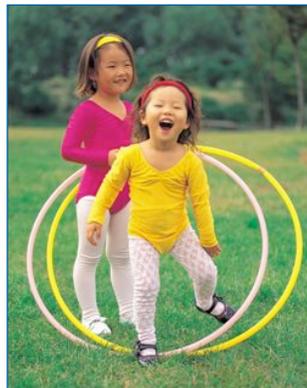
Fire hydrants are essential for fighting fires and are only to be used in case of an emergency.

An illegally opened fire hydrant, or hydrant abuse, can create a fire hazard by reducing the water pressure necessary for fighting fires.

Opening hydrants improperly can also damage them, making them ineffective for fire protection. Illegally opened fire hydrants also interrupt normal water supply to homes and businesses.

An open fire hydrant wastes 1,000 gallons of water per minute – as much in an hour as one household uses in a year. Each summer, illegally opened fire hydrants waste one billion gallons of treated drinking water, which costs Philadelphians more than one million dollars annually.

We have some healthy suggestions for cheap, fun ways to keep cool this summer – check these out and have a great, safe summer!



#### This summer, you could:

- Go for a swim at the neighborhood pool or Sprayground (<http://www.philly.com/philly/home/217481481.html?authenticate=y>)
- Get out those old board games and find a shady spot to play with friends and family.
- Visit your local library. Grab a book for yourself, and remember to read to your kids!
- Go to the movies – most have air-conditioning for those super-hot days.
- Philadelphia was voted one of the ten best cities for parks in the country by Frommers. Visit one of the many parks and playgrounds across the City.

Our favorite? **Visit the Fairmount Water Works Interpretive Center for some cool, free activities and experiences!**

Keeping healthy in hot summer weather means wearing plenty of sunscreen, and staying hydrated. That means drinking lots of plain water or eating juicy fruits. If you feel thirsty, you're already a bit dehydrated, so drink up!

If there's no air conditioner where you live, keep the windows open and use a fan especially at night. Eat more frequent, smaller meals. Shower often to cool down. Keep alcohol consumption down: it can actually cause dehydration.

Be sure to check on seniors and children to make sure they're coping with the heat and drinking enough fluid.

DON'T ever leave kids or pets in a car in hot weather, even if you're parked in the shade. The temperature in the car can jump 20 degrees in 10 minutes.

Sweating in hot weather is a good sign--it means you're hydrated! If you notice that you (or anyone else) are not sweating, drink some fluids right away!

The Philadelphia Water Department Hotline is 215-685-6300. Open 24 hours/daily, the hotline is for reporting water and sewer emergencies, such as water main breaks, water and sewer and other inquiries, water quality information, taste and odor complaints, open hydrants, inlet cleaning, water conservation programs (CAP), automatic meter reading installations and inquiries. This hotline takes calls and dispatches crews to investigate and/or fix problems.

Visit our website at: [www.phila.gov/water](http://www.phila.gov/water) and [www.phillywatersheds.org](http://www.phillywatersheds.org)



Newsletter for the Fairmount Water Works Interpretive Center



Hidden City Festival Brings a Bibotarium to the FWW

As part of the recent Hidden City Festival, arts collective Camp Little Hope created the Bibotarium at the FWWIC in the Kelly Natatorium. The Kelly Natatorium is an abandoned swimming pool. Originally part of the Fairmount Water Works (1815), it was later remodeled into the Fairmount Aquarium (1909) and then converted into the Kelly Natatorium (1961). The pool closed in 1972 after severe flooding from Hurricane Agnes.



to a site that is a symbol for the most important shared resource in the city.

We work in many different ways. The process we went through to pick a site is an example of one way.

The Bibotarium was an educational saloon and public think-tank.

Camp Little Hope re-activated the space and built the Bibotarium, continuing the Fairmount tradition of combining learning with leisure, science with social, and ideas with imagination. Over the course of the six-week festival, Camp Little Hope hosted a variety of on-site Bibotarium programming: public conversations with local experts, workshops with school groups, boat-building and design, film screenings, story-telling, collaborative imagining, growing a research library, and building a micro-community motivated by conversation. For more information about the Bibotarium and Camp Little Hope, please visit [www.camplittlehope.com](http://www.camplittlehope.com).

In their own words: When Hidden City put the call for proposals on their website, they had a list of potential sites for projects. The Kelly Pool was one of the sites they thought they could coordinate access to for an installation. Each member of the collective went through the list individually, picked their favorites, and thought of a few ideas or themes for each. We had generated some really interesting ideas about the future of water in Philadelphia for Kelly Pool, so we decided to apply for that site. Part of our interest as a collective is to expand people's relationship with the commons, so we were attracted

We took time to investigate and reflect individually, and then we came together to share our ideas, which was inspiring and lead to more ideas and a deepening of our concepts, through the questions we asked each other and various types of experience we each bring to the table. We decided to form Camp Little Hope because we share a lot of priorities in our work, agree aesthetically (a lot of the time), and really respect each other, so decisions are usually not difficult. We build off of each other and our process usually begins with a combination of intensive research and playful inquiry.

The Kelly Natatorium is a magnificent space. The deeply textured surfaces, from the richly colored walls, to the brick vaulting with crumbling plaster in the ceiling, to the cast iron columns from the 1850's, the architecture and surfaces were almost as dense and inspiring as the site's history. In designing our installation we responded to various aspects of the space.

Our materials and paints were chosen to echo colors already present on the site, from the pool's tile lip to the construction workers safety orange spray paint. We tried to draw out different temporal layers through our use of these colors. The site was primarily cool colors, and we were lucky to get a donation from Philadelphia Salvage of reclaimed pine to build the bar. Once this

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Newsletter for the Fairmount Water Works Interpretive Center



Bibitorium

(continued from page 9)

pine was cleaned and oiled it created a very warm hued counterpoint to the site's cool palette, the bar's perpendicular orientation in relationship to the length of the pool also helped make the space feel more personal and inviting.

Our original proposal envisioned filling the pools but Parks & Recreation was worried about subsidence so this was nixed. This led to a pretty major redesign, but in the end it moved the project into a more open ended space that we really enjoyed.

Interacting with visitors was amazing! The visitors were the center of the project. None of us are from Philadelphia or experts about water, so we designed the Bibitorium to be a place where visitors could add their ideas. People would come in all the time that knew more than us about Philadelphia history, water issues, hydrology, and boat design. We kept track of their input and incorporated it into our work and the information we'd give the next person.

Probably the most entertaining comments from visitors were from folks who had visited the aquarium or natatorium as kids. One woman told us her friend broke a tooth on one of the 1863 columns while playing water polo. Another visitor told us he visited the aquarium as a kid and had thought it was a punishment - with its damp, dark walls and fishy smell. Other people told us in the days of the pool they'd watch swimmers through the skylights, sort of like it was an aquarium for people.

The Kelly Natatorium sparked our interest in the Hidden City Festival. The Fairmount Water Works has such an exciting, multi-use history of mediating Philadelphia's relationship to water. The Philadelphia Water Department is really amazing to work with. Drew Brown and Adam Levine tirelessly answered our questions and gave us access to their archives and collections and the Fairmount Water Works Interpretive Center offered us all the assistance we could ask for.

General Lafayette and the Fairmount Water Works

The FWWIC recently hosted the post-conference event of the American Friends of Lafayette annual meeting. Alan Hoffman, Esq., President of the American Friends of Lafayette, discussed his translation of Lavasseur's "Lafayette in America in 1824 and 1825."



On October 4, 1824, Lafayette visited a number of Philadelphia institutions including the Fairmount Waterworks, according to the Evening Post of October 9. He was accompanied on by Secretary of State John Quincy Adams and Judge Richard Peters, as well as his son and his Secretary. He also visited on July 21, 1825. Peters' descendent, Richard Peters, was in the audience at the FWWIC.

The W3R website is <http://www.w3r-us.org>.

Thanks to Ursula Reed, W3R President, for her report and photo.

USGBC's Greenbuild International Conference & Expo is the world's largest conference and expo dedicated to green building. Thousands of building professionals from all over the world come together at Greenbuild for three days of outstanding education sessions, renowned speakers, a vast expo floor, green building tours, special seminars and networking events.



The FWWIC is participating in Greenbuild by giving a number of tours for attendees who want to see some of Philadelphia's green sites.

The 2013 show will take place Nov. 20-22 in Philadelphia, Pa. Visit [greenbuildexpo.org](http://greenbuildexpo.org) for more information.

# August 2013 Events!

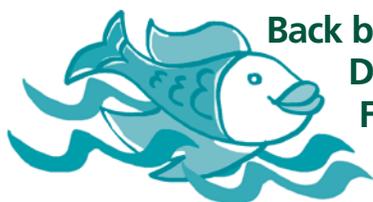


Pop!

## Pop-Up Saturdays!

August 17, 24, 31 from 10:00 a.m. to 12:00 noon.

Join us for some surprising science as we pop-up inside and out at the FWWIC: on the Esplanade, the river bank, or somewhere unexpected with activities on Saturday mornings!



Back by Popular Demand: Our Fishway Tour!

This month's tour is Saturday, August 24.

We are again offering special group tours of the Fairmount Dam Fishway. The tours will be held at 10:00 a.m. and advanced registration is required.

Advanced registration is required as the tour is limited to 15 people. This program is for those over the age of nine, and each participant must sign a Waiver and Release from Liability.

You may register or get more information by contacting Megan Malloy at [megan.malloy@phila.gov](mailto:megan.malloy@phila.gov) or by calling 215-685-0721.

## Science Saturday:

August 17, 24, 31 from 2:00 to 4:00 p.m. starting every half hour.

### Diatoms: Jewels of the River

Diatoms are incredibly small and intricate organisms. These little life forms come in a variety of sizes and shapes. They indicate water quality, shed light on the past and are material for manufacturing. Learn more about diatoms in our lab and test your drawing skills! We will be making shrinking pieces of art for you to take home.

## Sunday Cinema

August 18, 25 at 1:30 p.m. Free!

### "Six Degrees Could Change the World"

(2008) Not rated. 96 minutes.

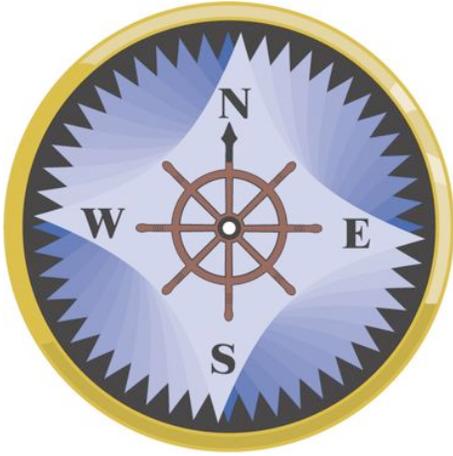
By the year 2100, many scientists believe that the Earth's average temperature could rise by as much as six degrees Celsius. In a compelling investigation, National Geographic leads a degree-by-degree journey to explore what each rising – and critical – degree could mean for the future of our people and planet. Through powerful filmmaking and intimate profiles, this special illustrates how global warming has already affected the reefs of Australia, the ice fields of Greenland, and the Amazonian rain forest. With a sobering look at the effects of our world's insatiable appetite for energy, *Six Degrees Could Change the World* explains what's real, what's still controversial, and how existing technologies and remedies could help dial back the global thermometer.

### "A-E-I-O-U Water"

(2013) Not rated. 15 minutes.

This film, by Emmy® Award winner Rodney Whittenberg and starring musician Phyllis Chapell, explores the importance of water in our world, using music and images of nature as well as important facts.

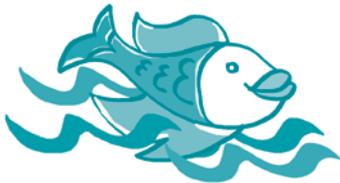
# September 2013 Events!



## Pop! Pop-Up Saturdays!

September 7, 14, 21, 28 from 10:00 a.m. to 12:00 noon.

Join us for some surprising science as we pop-up inside and out at the FWWIC: on the Esplanade, the river bank, or somewhere unexpected with activities on Saturday mornings!



**Back by Popular Demand:  
Our Fishway Tour!**

**This month's tour is Saturday, September 21.**

We are again offering special group tours of the Fairmount Dam Fishway. The tours will be held at 10:00 a.m. and advanced registration is required.

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To register or for more information, contact Megan Malloy at [megan.malloy@phila.gov](mailto:megan.malloy@phila.gov) or by calling 215-685-0721.

## Science Saturday:

September 7, 14, 21, 28 from 2:00 to 4:00 p.m. starting every half hour.

### Navigating the Schuylkill

We look at mapping and navigation, and how the National Oceanic & Atmospheric Administration, the U.S. Army Corps of Engineers, and the Philadelphia Water Department use maps. Cartography employs art, science, and technology in order to create the maps we use everyday. Comparisons and contrasts will be made between older, archival maps of the world versus the maps we use today; theme maps versus base maps; and maps versus nautical charts, by looking at the techniques employed, aesthetics, and the various uses for these works. Learn how read maps and nautical charts, in addition to an azimuth and orienteering compass.

## Sunday Cinema

September 8, 15, 22, 29 at 1:30 p.m. Free!

### "Last Call At the Oasis"

(2012) Not rated. 105 minutes.

Water is the earth's most valuable resource. Our cities are powered by it, many industries depend on it, and all living things need it to survive. But in the future, there might not be enough to sustain life on our planet. From Academy Award®-winning director Jessica Yu (*Breathing Lessons: The Life and Work of Mark O'Brien*) and Academy Award®-nominated producer Elise Pearlstein (*Food, Inc.*), this film exposes defects in the current system, shows communities struggling with its ill effects, and introduces us to individuals who are championing revolutionary solutions, such as activist Erin Brockovich and experts Peter Gleick, Alex Prud'homme, Jay Famiglietti and Robert Glennon. **Please see the page 14 of this newsletter for an up-coming special event with Peter Gleick at the FWWIC!**

### "A-E-I-O-U Water"

(2013) Not rated. 15 minutes.

This film, by Emmy® Award winner Rodney Whittenberg and starring musician Phyllis Chapell, explores the importance of water in our world, using music and images of nature as well as important facts.

# September 2013 <sup>Special</sup> Events!



## Spend Saturday, September 7 at the FWWIC!

Join us from noon to 5:00 p.m. for the annual Philly Fun Fishing Fest and Coast Day events. These fabulous free family events are a fun way to explore, discover and create!

Hop on the free shuttle for the FWWIC! At Coast Day festivities at the IC you can:

- Compete in the Philly Fun Fishing Fest (times TBA)
- Bring a kite and catch the wind as it blows off the river
- Explore the historic Fairmount Water Works and Schuylkill River

The annual Philly Fun Fishing Fest is a catch-and-release event. No license is required to participate, and there will be prizes in a variety of categories.

Rain date for both events is September 14.

## *City Water, City Life: Water and the Infrastructure of Ideas in Urbanizing Philadelphia, Boston, and Chicago*

The Library Company of Philadelphia  
1314 Locust Street, Philadelphia, 19107]

Co-sponsored by Fairmount Water Works

Thursday, September 26, 2013

Reception, 5:30 p.m.

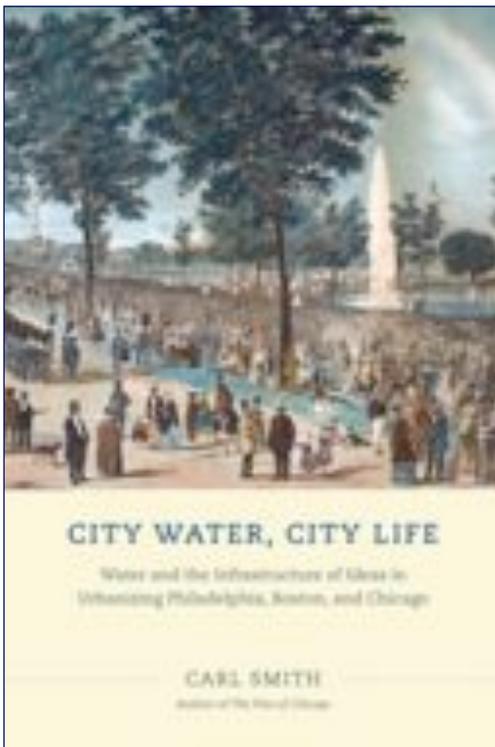
Program, 6:00 p.m.

In *City Water, City Life*, historian Carl Smith explores the development of the first successful waterworks systems in Philadelphia, Boston, and Chicago between the 1790s and the 1860s.

Through an analysis of a broad range of sources, Smith shows how the discussion, design, and use of waterworks reveal how Americans framed their conceptions of urban democracy and how they understood the natural and the built environment, individual health and the well-being of society, and the qualities of time and history. Smith is the Franklyn Bliss Snyder Professor of English & American Studies at Northwestern University.

Carl Smith will give a presentation about his book and there will be a book-signing.

To register: [https://creator.zoho.com/lcpadmin/city-water-city-life/form-perma/City\\_Water\\_City\\_Life](https://creator.zoho.com/lcpadmin/city-water-city-life/form-perma/City_Water_City_Life)



# Save The Date!

Friday, October 25, 2013

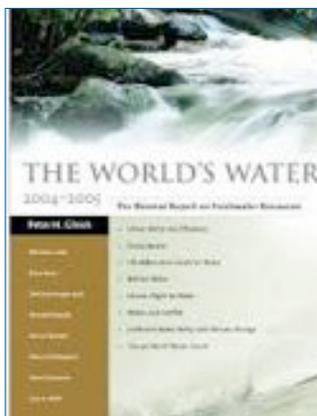
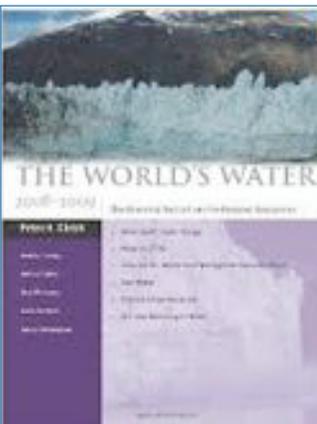
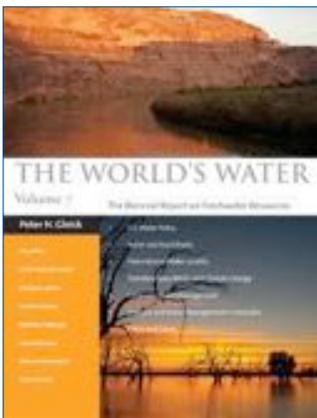
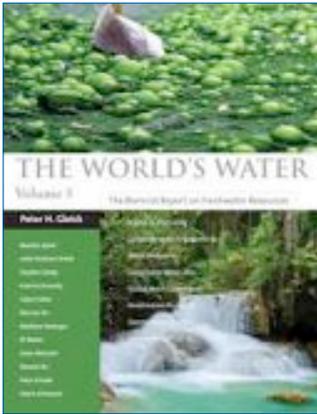
Dr. Peter Gleick, Co-Founder and President, Pacific Institute

Global Water Challenges, Issues and Solutions

This evening event will include a lecture to be held at the Philadelphia Museum of Art, as well as a reception at the FWWIC.

Tickets are available at: <http://globalwatergleick.eventbrite.com>.

The lecture and reception are ticketed separately. The lecture is \$55 and the reception is \$15. There is a special lecture ticket price of \$40 for students (with ID) and Young Professionals (age 40 and under).



Dr. Peter Gleick is renowned the world over as a leading expert, innovator, and communicator on water and climate issues. He co-founded and leads the Pacific Institute in Oakland, celebrating its 25th anniversary in 2012 as one of the most innovative, independent non-governmental organizations in the fields of water and economic and environmental justice and sustainability.

Dr. Gleick's work has redefined water from the realm of engineers to the world of social justice, sustainability, human rights, and integrated thinking. His influence on the field of water has been long and deep: he developed the first analysis of climate change impacts on water resources, the earliest comprehensive work on water and conflict, and defined basic human needs for water and the human right to water – work that has been used by the UN and in human rights court cases. He pioneered the concept of the "soft path for water," developed the idea of "peak water," and has written about the need for a "local water movement."

Peter Gleick received the prestigious MacArthur "genius" Fellowship and was named "a visionary on the environment" by the BBC. He was elected both an Academician of the International Water Academy, in Oslo, Norway and a member of the U.S. National Academy of Sciences. *Wired Magazine* featured Dr. Gleick as "one of 15 people the next President should listen to." He received his B.S. from Yale University and an M.S. and Ph.D. from the University of California, Berkeley. Dr. Gleick serves on the boards of numerous journals and organizations, and is the author of many scientific papers and nine books, including the influential series *The World's Water* and *Bottled and Sold: The Story Behind Our Obsession with Bottled Water*, as well as the newly released *A Twenty-First Century U.S. Water Policy*.