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By the Numbers

Program Costs Expended To Date
\$111.2M

Local/Minority Business Participation
\$95.6M

Current Status Completed
 # of Sites Feb '19 Credits Acres
96 2,137

Reporting period as of February 2019.

Make sure you "Drop" back to the CWP website to view additional content about the partnership such as our Year 3 Annual Progress Report, the latest bid opportunities, and the CWP National Spotlight.



CWP Mentor Protégé Program holds First Class for Year 3 Participants

Eight small business firms attended their first Clean Water Partnership (CWP) Mentor Protégé Program (MPP) Cohort 3 developmental session. Vibrant personalities filled the room as owners traded introductions and shared what they were most looking forward to within the upcoming months of program. The class included a diverse mix of businesses from the construction and landscaping industries, all interested in pursuing long-term opportunities in stormwater management.

CWP Workforce Development and MPP Manager, Michael Burke, reminded the participants that this is isn't an average Mentor Protégé Program. He added that expectations are high, and the program's main goal is to assist participants at becoming better leaders in hopes of obtaining more contracts and revenue for their businesses. He also stressed the importance of mastering the elevator speech and elevating a niche above the steep competition in this industry.

The CWP program managers in operations, outreach, design and construction were in attendance and provided an overview of the structure and what makes this public-private partnership work so well. The CWP welcomes and looks forward to working with the following businesses and helping them excel over the next year:

- Actaeon, LLC
- Clinton Sewer Expert, Inc.
- Daylilly Landscaping, LLC
- Iconic Plumbing, LLC
- J.D. Clark Professional Services, LLC
- JJ Prime Services, LLC
- JVM Sports Management LLC t/a JVM Consulting & Contracting Services
- TCG Property Care, Inc.



CWP Fall Stormwater Fest

Friends, family, and partners of the Clean Water Partnership (CWP) gathered in Largo, MD for a fun-filled morning of stormwater inspired activities and exhibits. The CWP Fall

Story continues on page 2

CWP Fall Stormwater Fest, COVER STORY CONT'D



Stormwater Fest occurred over the 2018 Halloween weekend, which set the tone for the costume themed event. Sporting their best costumes, attendees were greeted at the check-in table where CWP outreach team members captured their contact information, registered them for the rain barrel giveaway and provided them a roadmap of the exhibitors, which would ultimately grant them access to the CWP spooky stormwater tunnel.

The partners brought their A-games in creating exhibits that were educational and interactive. Emily Clifton, with the Low Impact Development Center, represented the Department of the Environment and showcased a "Scoop the Poop" exhibit and reminded us of the importance of cleaning up after our furry friends. Eric Jones of AKRF, CWP prime maintenance partner, provided a hand's-on demonstration of how a sand filter operates. SMC's Joel McPherson and Greg Harless, took a break from construction and allowed their creativity to shine in their presentation of a micro-bioretenion device. The Enviroscape exhibit, presented by Maryland Environmental Services, was also a hit, showcasing how everyday activities contribute to the polluting of our waterways. At the Corvias table, participants utilized the interactive project map in which attendees were able to locate their schools in the pipeline for construction. Upon exiting each exhibit, participants received a special stormwater stamp in their roadmap brochure, so that they could enter the spooky stormwater tunnel exhibit.

Upon entering the tunnel, festival goers were met with ghouls, goblins, and sewer rats, all make-believe of course! Stormwater fun facts were splattered on the tunnel walls with special ink, which could be viewed at the click of a special flashlight that was provided. Perhaps the best part of the experience was exiting the tunnel, as participants burst through a stack of imaginary rip-rap to get to the other side. After braving the spooky stormwater tunnel, guests visited the Trunk-or-Treat vehicles and filled their bags and baskets with all sorts of goodies. CWP outreach firm, Assedo Consulting, won bragging rights for their "Under the Sea" themed trunk, a favorite amongst other trunks that were inspired by Batman & Robin, Where's Waldo, The Lion King, and other childhood favorites.

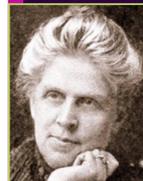
Through initiatives such as the Stormwater Fall Fest, the CWP continuously seeks ways to create fun and engaging atmosphere while providing stormwater management education to members of the community. The mission of exposing guests to various stormwater management challenges while promoting behavioral changes, was well received and the team would like to extend a huge thanks to all of the partners that it made it success.

She Invented What? March is WOMEN'S HISTORY MONTH!

The Clean Water Partnership (CWP) proudly recognizes and celebrates Women's History Month. From scientists and activists to teachers and stay at home moms, women have made significant contributions to the science, technology and consumer industries, and have wowed the world with their inspiring inventions. Although there were too many to include in our newsletter, here are a few that we thought were pretty cool!



• **Jeanne Villepreux-Power** (1794–1871): 19th-century leading French naturalist and marine biologist; inventor of the world's first aquarium.



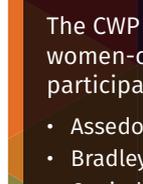
• **Tabitha Babbitt** (1779–1853): American Shaker tool maker and inventor; inventor of the Circular Saw.



• **Harriet Williams Russell Strong** (1894–1926): Female American social activist, conservationist; inventor of a method for dam and reservoir construction, and another for impounding debris and storing water.



• **Sarah Mather** (n.d): invented the underwater viewing device which was a combination telescope and lamp for submarines, more widely known as the Aquascope.



• **Stephanie Kwolek** (1923–2014): American chemist; invented a fiber that is five times stronger than steel and serving about 200 uses such as tires, brake linings, composite materials, bullet proof vest, boat hulls, and flame-resistant clothing.

• **Ida Forbes** (n.d): Though little is known of the woman herself, we can all appreciate Forbes 1917 patented invention of the Electric Water Heater.

• **Dr. Shirley Jackson** (1946–present): American physicist; first African-American woman to receive Ph.D. from the Massachusetts Institute of Technology (MIT, 1973; breakthrough basic scientific research that enabled others to invent the portable fax, touch tone telephone, solar cells, fiber optic cables, and the technology behind caller ID and call waiting.

The CWP is proud to thank and recognize the following women-owned firms working in the program and/or participating our Mentor Protégé Program!

- Assedo Consulting, Inc
- Bradley Site Design, Inc
- Capital City Associates, Inc
- Celsue Construction, Inc
- Community Bridge, Inc
- Copeland Management Group
- Daylily Landscaping
- Dirt Worx
- Envirenew, Inc
- Kirila Earthworks, Inc
- SMC
- Tina Boyd and Associates
- Tradenexus
- United General Construction



LEARN MORE

Certifications:

- Bradley Site Design is a certified woman-owned business with small business certifications in Prince Georges and Montgomery Counties (CLSB/MBE/DBE), Washington, DC (LSDBE/CBE), and Maryland (MDOT MBE/DBE). Sharon and the BSD project managers are all registered landscape architects, and various BSD members also hold certifications like SITES AP, LEED AP and other "green" credentials.

Corporate Office:

Washington, DC

Phone:

(202) 695-8056

Website:

www.BradleySiteDesign.com

CONTRACTOR SPOTLIGHT Bradley Site Design

How long has your company been in business?

Bradley Site Design has been in business for 25 years this September. BSD was founded by Sharon Bradley and began in a small home office in Greenbelt, Maryland. We are performing 25 acts of service this year to thank our communities for their support. Feel free to follow our social media pages to join in!

What is your specialty?

Bradley Site Design is a landscape architecture and urban design firm dedicated to the creation of socially, economically and environmentally sustainable communities. We create places that connect people to their neighbors, community, culture, and the outdoors. Our specialties are all related to those goals: low impact development, community engagement, curriculum integration and innovative, sustainable site design.

What do you like best about your job?

Our team and our clients. It's wonderful to come into work every morning, feel like you're surrounded by family, and work passionately on projects that positively impact local communities. After we finished a school renovation project in DC, for example, a teacher cried tears of joy when she saw the transformative outdoor amphitheater we designed among the trees. It's truly a rewarding feeling.

If any, what CWP projects have you worked on thus far?

BSD designed the planting for all the stormwater facilities installed at the partnership's school sites. Our team also helps conduct the student planting events with CWP and the Anacostia Watershed Society to teach students about stormwater management, the native plants in their facility, and how to properly install plants. We've also worked with staff members at each school to create a site plan that illustrates ways to turn their campus into an educational opportunity, using the new stormwater facilities as a starting point. The plans include ideas for outdoor learning areas and school gardens, as well as detailed information about the specific plants that will be featured on their site.

What are you looking forward to gaining from this program?

We've already gained so much from this program. It's been wonderful to work hands-on with PG school staff and students, as well as the partners of the CWP. We look forward to continuing to bring environmental literacy concepts to the entire county and hope this program becomes a model for schools across the country.

CWP Completes Largest Cluster of Neighborhood Projects

The Clean Water Partnership (CWP) has completed the Birmingham Estates project in Beltsville, MD. The project consisted of the installation of 11 tree box filters, a low impact design micro-bioretenion system that captures excess sediments and other pollutants prior to releasing stormwater into the storm drain system. The CWP outreach, design, construction and maintenance teams spent quite some time meeting with elected officials, stakeholders and community members in order to prepare for this large scale project. In addition to hosting community meetings, the team distributed letters, door hangers, and construction flyers that provided pertinent details about street closures, staging equipment and work hours. With so many devices being installed, it was important that construction was completed with as minimal disturbances as possible to this residential community. The team quickly identified potential challenges of the project such as narrow streets and a low hanging utility line, but collaborated with the local fire, EMS and utility companies to troubleshoot the most efficient and safe route methods to start and finish the project.

Like other Best Management Practices (BMPs) utilized in the CWP program, the tree box filter provides many environmental benefits while meeting stormwater management regulations. They are equipped with a variety of pollutant removal mechanisms and are designed as an effective infiltration/recharge practice when parent soils have high permeability. Furthermore, the utilization of native vegetation will improve habitat for native insects and animals.

The cluster of installed tree boxes are now a part of the CWP's long term maintenance program, in which the maintenance team will conduct visits two to four times a year to clean the mouth of the inlet and check on the overall health and functionality of the system. As needed, a vac truck will be used to clean out the inlet boxes themselves every 3 to 5 years. Nardi Construction served as the General Contractor and was joined by subcontractor Joseph Canova and Son LLC to successfully complete the project.



Clean Water Partnership Hosts Stormwater BMP Workshop

In partnership with the Chesapeake Bay Landscape Professionals (CBLP), the Clean Water Partnership (CWP) hosted a Stormwater Best Management Practice (BMP) workshop that introduced design engineers and construction companies to an array of challenges and solutions facing the stormwater management industry. Facilitated by, David Hirschman, with Hirschman Water & Environment, LLC and Beth Ginter, Lead Coordinator with the CBLP, the presentation began with the CBLP sharing information on their mission, goals, and training programs that are designed to address challenges, meet demands of Chesapeake Bay regional stakeholders, and engage & empower the landscaping community. Attendees learned of CBLP's training program spanning two tracks of curriculum in the design and installation of sustainable BMPs and an advanced path to include maintenance. The program highlights collaborative practices, critical thinking, problem solving, adaptive management and understanding the regulatory environment in order to further advance their skillsets in their respective spaces. Following the training discussion, the "Pay Now or Pay Later" portion assessed the financial implications and the environmental impacts of eroded and poorly maintained devices. The team viewed basins, existing inlet/outlets, submerged gravel wetlands, forebays and other green retrofits. In the discussion on stabilization, the group deliberated the pros and cons of the various method used, many that are implemented in CWP projects and are a huge component of the certification process. Partnering with the CBLP provides another example of how the CWP is collaborating with local organizations, businesses and agencies to further enhance skillsets and establish long-term budding partnerships.



Dog Found at CWP Project Site Receives a New Home!

While working at the Clean Water Partnership (CWP) Birmingham Estates project, Ryan Lauer, Superintendent with Nardi Construction, found the lonely pup wondering near the construction zone between Caverly Avenue and Kenny Street. She did not have a collar so Ryan checked with neighbors and those in the surrounding area in hopes of finding her loved ones. With no luck there, he preceeded to take her to a nearby veterinarian's office to see if she had been micro-chipped. The vet determined that that she had not been tagged, leading Ryan to take the friendly, and well-behaved dog home. CWP Outreach team member, Kristina Bigby, was able to work with a community member to add a posting to the Birmingham Estates' Nextdoor App page, again with the hopes that someone would claim her. After two days of no response, Ryan transported the dog to the local Prince George's County Animal Shelter. The CWP is happy to report that the dog was adopted in less than a day! This is a prime example of a small gesture making a big impact, a common theme recognized in the flow of work conducted by CWP team members. While outreach, construction and compliance are at the forefront of successfully completing projects, caring and genuinely taking an interest in residents and stakeholders continues to be highly important in Prince George's County communities.



LEARN MORE

Awards:

- Prince George's County Small Local Business (SDDD)
- Small Business Reserve
- NASSCO Certified Pipeline, Lateral, Manhole, and Inspector

Corporate Office:

Clinton, Maryland

Phone:

Aura Cordova Lemus
(240) 354-1603

Website:

www.ClintonSewerExpert.com

CONTRACTOR SPOTLIGHT Clinton Sewer Expert

How long has your company been in business?

Our company has been in business 3 years.

What is your specialty?

We specialize in:

- Installation of Water, Sewer, and Storm Drain Systems
- Pond Excavation and Maintenance
- General Excavations
- Bioretentions
- Functional Landscaping
- Inflows and Outfalls
- Concrete (Sidewalks, Driveways, and Curb and Gutter)
- Snow Removal
- Silva Cell
- Sediment and Erosion Control
- Sand Filters
- Fence

What is a typical day like for you?

A typical day for our owners essentially consists of being out in the field, making sure that our employees are doing their work properly and helping in whatever they can to get the job done. In the office, our office manager, takes care of all customer/vendor relations as well as all reporting and billing.

What do you like best about your job?

Our favorite part of the job is looking at the transformation that the projects take. Being able to put the drawings into reality is the best part. When we look back at the before and after photos it puts a smile on our faces to see the changes we were able to make.

What do you want readers to know about you and your company?

We are a company that is composed of people who genuinely love what they do. Our owners have been working in construction in the concrete, pipe, and fence industries over 17 years each. They enjoy their work so much that even now as owners of a business they would rather be out working with the employees than be in the office. They take pride in working fast, safe, and efficiently. They love to see how they can take the customer's plan and bring it to reality. That is our main goal, to make sure that when we leave a jobsite, that there is not one bad comment to be said about our company.

If any, what CWP projects have you worked on thus far?

Konterra Business Park, MD Route 202 from McCormick Dr. to Lottsford Rd, Parkdale High School, College Park Public Works Yard, Knollbrook Drive, Kent Village Drive, Potomac Business Park.

What are you looking forward to gaining from this program?

While in the Clean Water Partnership Mentor Proteg e Program we hope to learn how to better our business, to present our company in a better way, create more customer relations and as a result get more work. Our ultimate goal is to grow our business and expertise.

Treating & Teaching hosts Stormwater 101 Workshop

Team members from the Clean Water Partnership (CWP) attended the “Treating and Teaching Stormwater 101” Workshop held at the William Schmidt Center School in Brandywine, MD. In conjunction with the Prince Georges County Public Schools (PGCPS) and the CWP, Treating & Teaching promotes stewardship of our local waterways and environmental literacy by educating and engaging students, teachers and building supervisors in the County. Workshop attendees included teachers and building supervisors whose schools are tracking to receive retrofits this summer during the CWP’s Schools Program year of operation. Topics of discussion included an introduction to watersheds, maps, and examples of Best Management Practices (BMPs) utilized on school property. The group also ventured outside to view the micro-bioretenion garden installed by the CWP. Jam Kendrick and Eric Jones, with the CWP’s outreach and maintenance teams, were onsite to answer questions regarding design, construction and maintenance, as school officials reviewed their proposed site plans tracking for construction this summer. Staff from Anacostia Watershed Society, Bradley Site Design and William Schmidt Center, led discussions on native plant selection, caring for the grounds, how to engage students upon project completion and additional lessons in utilizing the BMP as an outdoor classroom. The day wrapped up with teachers sharing best practices and examples of lessons plans that could be used as part of a curriculum. Maryland-National Capital Park & Planning Commission, Community Forklift, Prince Georges County Department of the Environment, Neighborhood Design Center, and MAEOE also contributed to the success of this workshop and provided expertise in many of the discussions. The schools represented at the Treating and Teaching workshop will have BMPs installed at their schools as early as June 2019 and will conclude with a hands on planting event by the students from those schools.

Clean Water Partnership debuts its Mentor Protégé Pilot Program for Year 2 Participants

The Clean Water Partnership (CWP) Mentor Protégé Program (MPP) is sponsoring its MPP Pilot Program for the second cohort of MPP firms. The MPP Pilot Program was designed to provide the MPP firms the opportunity to compete amongst each other on a CWP Project and learn the full lifecycle of the CWP procurement and construction process. The MPP Pilot Program provides the following hands on training sessions: Bid Package Review, Site Visit/Pre-Bid Meeting, ITB Working Session, Bid Response Review, Project Schedule, Construction Kick-off, bi-Weekly Site Visits. The MPP Pilot Project that was selected is Fairmont Heights - 61st Street which consists of installing a new micro-bioretenion device that will credit the CWP .450 acres of Impervious area. The successful MPP firm will be installing a new 15” RCP storm line across a road and construct the micro-bioretenion device through excavation, new underdrain, a structures and finish landscaping.

Maryland DNR Chesapeake and Atlantic Coastal Bays Trust Funds at work!

Coming this fall, the Clean Water Partnership (CWP) will break ground on a stormwater pond enhancement project in Lanham, MD. Gabion inflow channels, forebays and other sediment erosion control measures will be added in order to considerably reduce nutrient and sediment pollution and improve water quality. What else is special about this project? The CWP and its non-profit partner, the Low Impact Development Center, were awarded a \$350,000 grant from the Department of Natural Resource’s Chesapeake and Atlantic Coastal Bays Trust Fund Program to help fund the construction of this project! Stay tuned to later issues of “The Drop” for more to come on this great collaboration.

In the Community—Catch us if you can!



1 Prince Georges County Summer Youth Employment Program (SYEP) Kick-Off Meeting



2 Carrollton Elementary Constructability Meeting



3 Glen Estates Community meeting in Lanham

Project Highlights



Davis Avenue



Daisy Lane



Princeton Elementary School

CWP Highlights



The National Association of Counties (NACo) granted Prince George's County a 2016 Achievement Award for the development of the Clean Water Partnership, in the category of Community/Economic Development.



MARYLAND LEAGUE OF CONSERVATION VOTERS

The Maryland League of Conservation Voters honored the Prince George's County Department of the Environment's Director, Adam Ortiz, with the 2016 Environmental Leadership Award for his work with Corvias and the Clean Water Partnership.



The Clinton Global Initiative (CGI) convenes leaders to turn ideas into action. CGI Commitments to Action represent bold new ways that CGI members address global challenges—implemented through new methods of partnership and designed to maximize impact. Commitments can be small or large, global or local. No matter the size or scope, commitments help CGI members translate practical goals into meaningful and measurable results.

CWP Partners



CONTACT US

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ABOUT THE CLEAN WATER PARTNERSHIP: The Prince George's County and Corvias Public-Private Partnership (P3), also called the Clean Water Partnership, is an agreement between County government and the private sector to retrofit up to 4,000 acres of impervious surfaces using green infrastructure. This community-focused program works to address the water quality of the Chesapeake Bay, while simultaneously focusing on the needs of Prince George's County residents and local businesses.