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# Greenbelt Lake's Completion and Grand Re-Opening Celebration

## GREENBELT, MARYLAND

Constituents of Prince George's County (PGC) can tell you plenty about the historic Greenbelt Lake located in Council District 4. But the residents are the only ones that can speak to the nature of an area so near and dear to the heart of their community. Selected as an ideal location for the Clean Water Partnership (CWP) program in late 2015, the design and outreach team immediately began working with the Mayor and City Manager to ensure a smooth process and that the CWP project team make good on all promises. The team identified forebays around the lake that were not functioning at capacity due to years of sediment and erosion build-up. Therefore, presenting ideal conditions for a pond enhancement retrofit by the CWP to improve performance, expand capacity, provide water quality benefit, and reduce stormwater pollution. Upon City Council approval, the team met with several Greenbelt advocacy and civic organizations to address concerns of wildlife disturbances, safety and user access of the lake by park goers. A series of community meetings were held so that residents could meet the program team, review design plans and provide feedback. The CWP program provided many opportunities in which the community could share knowledge and insight that was critical to the success of the project.

Construction commenced after the city's 4th of July celebration. Stormwater Maintenance & Consulting, a local Minority Business Enterprise



(MBE), served as General Contractor on the project, providing construction and safety oversight. Approximately 2,385 cubic yards of material (silt, sediment and other debris) were removed from the forebays while invasive plants were removed and replaced with native wetland plant communities in order to provide ecological uplift. Buzz about the project spread quickly across the region, leading to site visits from delegates, organizations and businesses across Maryland.

On December 3, 2016 the CWP and the City of Greenbelt officially celebrated the completion of the Greenbelt Lake forebays. Over 75 community residents and partners gathered at Buddy Attick Lake Park for an overview of the completed

*Story continues on page 2*

## By the Numbers

Program Costs Expended To Date

**\$20,657,614**

Target Class Participation

**\$15,749,710**

Total Hours Worked By County Residents

**2,971.47**

Impervious Acres In Development

**2,540**

Reporting period as of January 31, 2017.

To register for procurement, please visit: [theleanwaterpartnership.com/subcontractor-registration/](http://theleanwaterpartnership.com/subcontractor-registration/) LBE/LMBE Businesses encouraged to prequalify.

### The Clean Water Partnership

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## Clean Water Partnership Volunteer Day at Junior Achievement Finance Park

LARGO, MARYLAND

If you had the opportunity to return to the 8th grade, would you be able to create a smart budget that would financially support your spouse, children, and still have money for shopping and entertainment? This is one of the many lessons taking place at the Junior Achievement (JA) Finance Park facility in Prince George's County (PGC). In March 2017, 25 team members from the Clean Water Partnership (CWP) volunteered at JA, during which time, they assisted 8th graders from Dora Kennedy French Immersion and Judith P. Hoyer Montessori in a hands-on, all day budgeting experience. Students were provided with a tablet, fully loaded with an assigned avatar that included occupation, salary, debt's owed, marital status, and whether or not they had children.

For the first portion of the day, volunteers worked closely with their assigned 10-12 students, as they created budgets for the essentials of living including housing, utilities, food, clothing, health insurance and other essential bills. Volunteers were instructed to assist students in making wise financial decisions such as purchasing a home or automobile that was within their budget. Students visited many of the Finance Park store fronts, such as Walmart, Prince George's Community College and Duke Energy, which aided them in choosing options for food, continuing education and electricity. Finally, it was time for tablets down and submission of budgets.

By the second half of the day, students were rethinking some of their "not so wise" purchases. For example, a student that purchased an expensive home was not able to afford clothing for their family, or pay

credit card bills. Volunteers then assisted students by creating a balanced budget that was within their means to support their needs. Some students traded their sporty 2-seater vehicles for less expensive sedans; purchased town homes instead of mansions while others opted for a more lavish lifestyle of eating out every night and buying high-end clothing, simply because their avatar could afford it at six figures annually with no children or debt.

The day concluded with a debriefing, where students and volunteers were able to share feelings and thoughts from the one-day experience. Volunteers expressed their wishes to have had this activity as a child and how they were glad to have participated in such an eye opening adventure. Students could not stop raving about their new found appreciation for their parents' sacrifices and hard work in providing for them. Some joked about never wanting to have children or a spouse, while also making educational and career choices that would yield wealth. More important, the students shared how much they learned about the importance of saving, planning for everyday expenses, and understanding when it is okay to splurge.

Prior to spending the day at Finance Park, students prepared by participating in an eight week curriculum at their respective schools. The JA facility in Prince George's County is the first in the state of MD and will service every 8th grader in the County, thanks to an agreement with the PGC Public School Board System. The CWP team plans to re-visit JA for a day of volunteering as part of the program's commitment to investing in the community and youth.

## Greenbelt Lake's Completion and Grand Reopening, *cont'd*



projects and to re-engage citizens with all that the local park has to offer. Guests were welcomed at the Department of Public Works (DPW) "Green Facility" by City of Greenbelt's Mayor Emmitt W. Jordan and Prince George's County Council Member Todd M. Turner. Erin Josephitis, Environmental Coordinator for DPW, provided an eye opening presentation on upstream protection tips, which highlighted some of the many benefits of stormwater management devices, and good clean water habits to be practiced in and around the home. The presentation led to a guided tour around the lake where participants viewed the two upgraded forebays. Positioned throughout the tour were exhibits from the CWP Community Outreach team, Anacostia Watershed Society, the Buffalo Soldiers and the PGC Department of the Environment. Attendees were encouraged to tap into their creative side by painting pebbles at the Kindness Rock Project and Face Painting Booth, which deemed popular amongst the children and adults. Despite several cold wind gusts, the day was filled with lots of sunshine, education and networking!

Treating approximately 337 acres of impervious area, the Greenbelt Lake project is the CWP's largest to date. Maryland Environmental Services officially certified the project in January. Through its long-term commitment, the CWP will maintain the device for no less than 30 years. Interested viewers are encouraged to visit in the spring to gain the best optics with landscaping.





## CONTRACTOR SPOTLIGHT

# Celsue Construction Services

### How long has your company been in business?

Celsue Construction Services, Inc. has been in business since 1986. In 2004 the company changed ownership and has been under Ruth Davila's leadership for the past thirteen years.

### What is your specialty?

Celsue has specialized in site concrete work and expanded its expertise into stormwater management since 2014.

### What is a typical day like for you?

A typical day starts with morning visits to the construction sites to get a firsthand look at the progress of the projects. When back at the office, many tasks and operations are delegated. Estimations, bid proposals, and project management are a top priority on a typical day.

### What do you like best about your job?

This job gives me the opportunity to leave a lasting fingerprint in the movement of improving the environmental efficiency of the community. To be a part of something that is bigger than myself is of great honor.

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

Integrity and reliability are essential traits in every aspect of the company's dynamics.

### What is the best thing you have learned since joining the CWP team?

The best thing is learning to work with others in achieving a greater common goal that has been created not only for the benefit of the community of Prince George's County, but also for the state of Maryland.

### What is one piece of advice you could offer to small business owners seeking to work in the stormwater management industry?

It is critical to become educated in the installation of all the different practices involved in the stormwater management industry and to maintain persistence even when obstacles come your way. In other words; perseverance, perseverance, perseverance.

### Please list the CWP projects you have worked on and your contributions.

- Community Temple Church, Seat Pleasant, MD: Micro bioretention
- Doewood Road, Seat Pleasant, MD: Transition Strip
- Edmonston Road, Bladensburg, MD: Transition Strip
- Berwyn Baptist Church, College Park, MD: Filter Vault Structure Installation
- St. Ambrose Church, Cheverly, MD: 2 Filter Vault Structures, Storm Drain System Installation

### LEARN MORE

#### Certifications:

Prince George's County  
Minority Business  
Enterprise (PGCMBE), Women  
Business Enterprise (WBE),  
Maryland Department of  
Transportation (MDOT)

#### Website:

<http://www.celsue.com>

#### Phone:

(301) 617-2570

## CWP Schools Program Tree Planting Events

PRINCE GEORGE'S COUNTY, MARYLAND

In July 2016, the Clean Water Partnership (CWP) announced the launch of its CWP Schools Program, through which 18 Prince George's County Public Schools (PGCPS) were selected to receive new, green stormwater retrofits to help manage area runoff. Last year, the partnership not only successfully retrofitted eight schools, and conducted seven educational tree planting sessions, in order to teach students about the importance of utilizing green stormwater management practices to help reduce area runoff.

Tree planting sessions included enthusiastic participation from more than 70+ PGCPS staff and students, program partners, and CWP team members. Plantings typically lasted up to one hour and included a hands-on demonstration from the Anacostia Watershed Society that showcased the difference between pervious and impervious surfaces throughout the community. The landscape architect for the school's program, local, certified woman-owned business, Bradley Site Design, gave students an overview of the native plants installed, and discussed the importance and the role plants play in supporting the stormwater management devices. Students also learned how the native plants served as habitats for nearby wildlife. (Images)

In December 2016, the CWP engaged the second cohort of educators from schools participating in the program to receive retrofits during the 2017 construction season. Approximately 20 additional schools are in the program's review/design phase, with projects set to begin construction this summer. Teaching professionals and maintenance teams from previous schools and upcoming CWP schools will continue to learn stormwater management through the Teaching and Treating Program offered by a league of CWP and PGC



stormwater experts. This grant funded program provides teachers and maintenance staff with the tools and resources to build curriculums around the installed devices, as well as the proper techniques on aesthetic maintenance.

To view videos of the 2016 CWP Schools Tree Planting sessions, visit us on [YouTube](#) or check out the [CWP Video Blog](#).

## 2016 Project Completion



OXON HILL, MARYLAND

The CWP successfully concluded its first full construction season, with over 24 projects completed and certified across 12 Prince George's County (PGC) municipalities. Working with the PGC's Department of Education, projects were sourced and vetted through an integrated implementation team, comprised of design engineers, construction managers, certifiers and outreach specialists. The work on municipal projects led teams to explore some of the oldest neighborhoods in the county. From the community center in the Town of Cheverly to the municipal yard at District Heights, community members and employees were more than happy to share information about previous stormwater issues as well as potential locations to receive



retrofits. Organizations such as the Cheverly Green Infrastructure Committee gave tours of nearby ponds and tributaries. At the Beltsville and Oxon Hill libraries, impervious surfaces were removed so that water could infiltrate naturally. Seven churches in the Alternative Compliance Program (ACP) showcased a combination of micro-bioretention devices, including the installation of Rotundo boxes. Similar practices were utilized in the construction of the eight PGC Schools Program sites, along with the added benefit of ceremonial tree plantings by the students. In total for 2016, the CWP installed 114 BMPs that treated 354 acres of impervious surfaces.



## CONTRACTOR SPOTLIGHT

# Grace Management and Construction

### How long has your company been in business?

Grace Management & Construction (Grace) was formed in 2010 as a limited liability company and is licensed as a construction firm in the state of MD.

### What are your core services?

Grace's specialty is centered around Civil Construction services, with a focus on Underground Utilities, Construction Management and Maintenance services. These Best Management Practices (BMPs) include Infiltration Construction, Trenching, Bio-Retention Pond Installation, Storm Drainage, and Conveyance Systems Upgrades.

### What is your role at Grace and what is your background?

I am the Principal/Owner and have over 20 years of experience in land planning, project and construction management

### What has been your experience with the Clean Water Partnership Mentor Protégé' Program?

We are proud to be a team member of the Mentor Protégé Program (MPP). The program provides us with executive level training and work experience to build our business and workforce within Stormwater management infrastructure. We have participated in all MPP activities throughout this first year of the program and have established a teaming arrangement with Apex Companies, LLC. This will allow us to pursue larger Low Impact Development projects and further develop our capabilities. Furthermore, we have received a bond for a WMATA project for \$300,000 and participated in the City of Baltimore's Stormwater Program for Small Businesses, both through referrals of the MPP program.

### What projects have you have worked on in the CWP program?

We just completed installation of a Micro-Bioretenion and Trench Drain System at St. Michaels Truth located in Upper Marlboro. The system installed will to address the storm water runoff from their church property that was causes significant sediment erosion. We were also awarded work at Friendly High School that will be completed in March 2017.

### What has kept your business successful over the past 7 years?

Teamwork is always the fundamental approach for Grace Management & Construction. We self-perform all our services, and team with industry leaders to build on capacity and capability, while ensuring consistent delivery of quality service to our clients within scope, schedule, and budget. Our name is synonymous with Excellence, Integrity, and Collaboration.

### LEARN MORE

#### Certifications:

Prince George's County Minority Business Enterprise (PGCMBE), Maryland Department of Transportation (MDOT), Small Business Administration (SBA), and Washington Metropolitan Area Transit Authority (WMATA)

#### Website:

<http://www.gracemc.com/about2.html>

#### Phone:

(240) 386-9138

## Welcome to the CWP Team

### LARGO, MARYLAND

The CWP is excited to welcome two new General Contractors to the partnership's team, Fort Myer Construction Corporation (FMCC) and Total Civil Construction (TCC).



#### About Fort Myer Construction Corporation

[www.fortmyer.com](http://www.fortmyer.com)

Fort Myer is an ENR ranked and award-winning Washington, DC Minority Business Enterprise (MBE), focusing on an array of infrastructure construction disciplines for more than 45 years.

The company was founded in 1972 as a small masonry and concrete contractor, and has grown to over 900 craftsmen who include project managers, professional engineers, estimators, and a fully staffed safety department. Fort Myer typically self-performs critical work items, including earthwork, excavation, concrete & asphalt paving, site development, foundations and structures. Headquartered in Washington, DC, FMCC owns and operates multiple asphalt plants, and offers customers in the Maryland, Virginia, and DC area various federal and state approved mixes.

FMCC has worked on similar stormwater and green infrastructure projects in the Washington, DC area, and saw the CWP as an opportunity to advance its efforts in creating a more sustainable environment and promoting environmental stewardship.



#### About Total Civil Construction

[www.tcce.biz](http://www.tcce.biz)

Following the philosophical Albert Einstein, Total Civil Construction (TCC) strives not to be a success, but rather a value to their clients. The premier heavy civil construction company specializes in earthwork; roadway construction; bridge construction; building and site demolition; utility infrastructure including storm drainage, sanitary sewer, water distribution, and electrical/telecommunication distribution.

TCC has spent the past 20 years working on many projects in the region, including the National Mall in DC, the U.S. Coast Guard Headquarters campus, and the WMATA Shop & Yards/Parking Garages in Gaithersburg. Recognized for their highly professional and skilled workforce, TCC understands the importance of employee growth within the business. Many of the company's Utility Foremen and Pipe Layers started as laborers, but progressed into more specialized roles after years of hard work and dedication. The team is also trained to successfully meet today's recycling and LEED's requirement.

TCC is proud to join the Clean Water Partnership and expand its array of services into Prince George's County. Their work kicks off this spring with a series of pond retrofit projects.

## 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

#### The Clean Water Partnership

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thecleanwaterpartnership.com



**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.