



# The Clarifier

VOLUME NINETEEN, ISSUE THREE

DOYLESTOWN, PA

JUNE 2023

## Stone Hill Awarded \$15 Million Project for Camden County Municipal Utilities Authority

Inside this issue:



Camden County Municipal Utilities Authority (CCMUA) voted at their meeting on May 15, 2023, to award the \$15,394,377.00 Preliminary Treatment Upgrades project at their Delaware #1 Water Pollution Control Facility to Stone Hill Contracting who presented the apparent low bid for the project on May 9th. Award is contingent on approval by NJ State regulatory reviews, which are expected shortly after press time for the clarifier.

The project involves the replacement of the Influent screening and grit removal equipment at the plant. The Stone Hill team looks forward to once again be working along with CCMUA staff after recently completing the combined heat and power project on site.

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Stone Hill also looks forward to working alongside subcontractors, Travis Electric, Hays Sheet Metal and Cooper Plumbing and Mechanical as they commence work on the project. The two year project will most likely get underway shortly, but onsite work will most likely be delayed until the long-lead time process mechanical items are well into production.

### Special points of interest:

- New Projects
- Employee Recognition for Years of Service
- Water For People Events

## Stone Hill Anticipates an Award on Sodium Hypochlorite Design Build Project

Shortly before going to press, Stone Hill Contracting was informed that Veolia Water of Pennsylvania is planning to award them a \$1 million project for the design build construction of the Sodium Hypochlorite System Improvements at the Sixth Street Water Treatment Plant in Harrisburg, PA.

The project has an aggressive timeline, and Stone Hill, working with their design partner EDR, came up with some options to work through with Veolia personnel to determine the most cost effective and time sensitive method to complete the project.

This will be the first job Stone Hill has done for Veolia Water (formerly Suez Water) in a number of years but they look forward to teaming with the Veolia Water of PA Engineering and Operations staff to jointly come up with a successful project for all stakeholders. Once all the paperwork is finalized, Stone Hill hopes to be able to complete the project by 4th quarter 2023 or early 2024.



# PVSC Decant Facility

Stone Hill Contracting has completed the grout floor repair in Decant Tank 6, and Zack Painting is prepping the floor for the new epoxy coating. With the completion of the floor coating, Stone Hill will be able to do the final testing and turn the tank back over to PVSC.

Stone Hill has completed all the piping and supports on top of Tank 6 and has also completed the demolition and replacement of the north odor control header consisting of 42", 30" & 24" fiberglass pipe, and is waiting for a PVSC shutdown to make the final connections and put the new north header online. Once the north header is back online, they will be able to demo portions of the south header, making room for the two new RTU's.

McPhee Electric continues to run new conduits and wire from the MCCs, and now with the arrival of the new substation 16 gear, McPhee Electric is getting it set into place and preparing to start pulling the new feeders, to the new MCC's in the electric rooms.



# NJDWSC Lagoon Decant Project

Work continues at the NJDWSC Lagoon Decant Project. Stone Hill recently completed the installation of two temporary rental trailer mounted presses. The owner is using the presses to help remove sludge from the lagoon.

In addition to the two rental presses, NJDWSC also requested the installation of two pilot geo tubes. The geo tubes are similar to a silt sock in operation, where the general principal is to trap solids inside the geo tube and allow the water to flow through the geo tube. The temporary pilot system consists of a feed pump to take sludge from the holding tank to the geo tubes, a polymer system to inject polymer into the sludge feed line, associated valving and piping to convey the sludge to the two pilot geo tubes, and two pilot geo tubes. Once the geo tubes have been filled and allowed to dewater, the dewatered sludge will be loaded into trucks and taken to a landscaping company to make top soil and the geo tubes disposed of off-site. If this system works as intended, NJDWSC may be looking for a larger scale set up with many geo tubes to assist with removing sludge from the lagoon.



*The Clarifier Newsletter is published quarterly by Stone Hill Contracting Co., Inc. PO Box 1370 Doylestown, PA 18901*

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*Designed and Printed by: Grace Media Services, Inc. Perkasie, PA*

# NJDWSC Clarifier Basins 1-4 Project

Stone Hill Contracting has been diligently working to keep this project moving forward. With the receipt of the project permits and equipment deliveries beginning in May, they hope to gain access to the first basin in July. Stone Hill is currently working to install some of the stop logs for the project that will give the owner more flexibility as to which basins can be taken out of service with minimal impact on plant performance.

Other available work is the installation of the miscellaneous concrete pads and curbs that can be placed prior to the owner granting access to a basin.



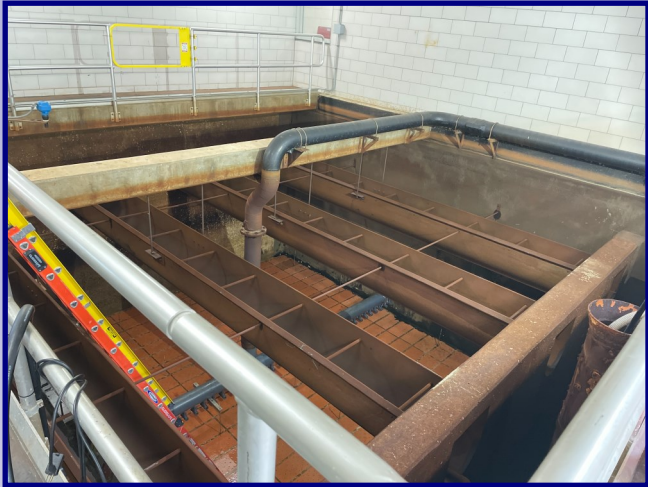


## Norristown WTP Filter Project

Work has started up again at the Pennsylvania American Water Company Water Treatment Plant in Norristown, Pa. The project involves the replacement of existing filter media with new filter media in seven filter boxes, inspection and cleaning of filter underdrains, replacement of the existing 24" butterfly and installation of 2-1/2" drain valves. Water Service Professionals has been retained for the removal/replacement of the filter media and underdrain inspections.

Filter 4 rehabilitation has been completed with a new Infinity underdrain supplied by Roberts Water Technology and installed by Stone Hill Contracting. The filter was backwashed and is now fully in operation. After a few months delay in a permitting discharge issue, Stone Hill has started on the second filter. Currently, Water Service Professionals has removed the existing media and after a successful underdrain inspection, they are in the process of installing the new media and looking for completion by press time.

While the filter is offline, Stone Hill has installed the new 24-inch butterfly and 2.5-inch drain valve. After letting the filter operate for seven days, Stone Hill will move on to the next filter.



## Aqua PA North Hills Project

The Aqua North Hills Well Station project is nearing completion. Stone Hill finally received the long awaited MCC panels and Vietri Electric is finishing up the final conduit and wiring terminations. An open item that still exists is the HVAC fans and controls. These items should arrive shortly for installation but do not affect the actual startup and operation of the ion system. The PLC / Scada controls are complete, and Stone Hill is waiting for water samples to return from DEP so Aqua can then apply for the operations permit. There is some minor landscaping work that is in progress. Stone Hill has in effect moved off storage boxes, offices etc..

They would like to thank all those involved from the littlest involvement to the more involved, such as, Flynn Photography, Oldcastle Precast, Resteel Supply, LB Water, Ives Equipment, Delran HVAC, Apex Mechanical, Charlestown Paving, Aledge/Chart Industries, Keystone Engineering, Pryz Water Supply, Vietri Electric, Zack Painting, Victor Muncy, BVF Construction, S3 Building Solutions, Oliver Fire Protection, DeSilvio Fence Co., Fiascorno HVAC, and S&S HVAC and Plumbing.

The project as designed by Mott McDonald is aesthetically suited for the residential neighborhood,. Many thanks to the neighbors who cooperated with Stone Hill in completing this project.



## Queen Lane WTP Air Scour Project

Stone Hill Contracting mobilized to project site in April. Project submittal reviews are underway for equipment and piping to be provided for this project. Stone Hill anticipates that by press time the stage I demolition work will be underway. Jack Pears Associates will begin demolition work with removal of the high service pumps/motors, followed by suction and discharge piping in the existing pump room and lower levels. Philips Brothers Electric will be completing disconnect/removal of existing power and controls for these pumps.

Stone Hill will complete installation of blind flanges and caps for isolation of piping as required. Concrete floor infills will then be completed to allow for new equipment installations.



## Baxter Water Treatment Plant

After a two-month shut down due to unfavorable weather conditions, Stone Hill Contracting remobilized the first week of April. The first order of business was to finish the double walled chlorine line running adjacent to sedimentation basin #2 with approximately 200 liner feet already installed prior to the shut down leaving only 150 linear feet to complete the run. Work progressed at a snail's pace as seemingly every bucket of earth removed from the proposed installation path unearthed yet another unmarked utility line. Nevertheless, the line was installed tested and ready for service in just under two weeks. Quite commendable considering the working conditions.

While Stone Hill battled with the installation of the chlorine line, Gracie Painting vainly attempted to apply the protective chemical coating system to the existing ferric containment tank and the newly poured chemical spill pad located in front the ferric tank unloading area. With a DEP mandated inspection looming, Gracie Painting doggedly plodded ahead fighting the weather and temperatures every step of the way. With barely a day to spare, the coating system was successfully installed and approved.

The coming months will see Stone Hill continuing with the main chlorine line running from the new chlorine manhole to the weir chamber a run of around 750 liner feet with work scheduled to wrap up late summer or early fall.



## Raritan-Millstone Water Treatment Plant Project

Stone Hill Contracting, working with their design build partner, Gannett Fleming, continues to fine tune the design of this project which is in the final stages of design. Subcontractors, including First Goal HVAC and R. Spark Electric have been selected, as has the major equipment package which will be going Trane for the HVAC system and controls.

Due to some material delays as well as some funding issues, the onsite work has been delayed until most likely 1st quarter of 2024. The design and local permitting should be completed this summer, such that there should be no delays once construction commences.

## Stone Hill Recognizes Employees

On April 4, 2023, Stone Hill Contracting gathered at Pine Crest Golf Club in Montgomeryville for their first annual meeting post Covid. The meeting opened with a luncheon that was followed by current project presentations, insurance and safety updates, employee years of service recognitions, and concluded with dinner. Those in attendance had the opportunity to have a digital tour of the projects that have been built over the past 2-3 years, as well as to see some of the innovative ways Stone Hill employees chose to perform that work.

President, David Mott, proudly presented 23 employees with various awards marking their years of service to the company, which ranged from 5 to 30 years. With just over 40 years in the industry, Stone Hill remains proud of the employees they have and are thankful for their many years of service.





## Industry News

### Victaulic Acquires Horizon Metals Inc.

Victaulic, the world's leading manufacturer of mechanical pipe joining, fire protection and flow control solutions, acquired Horizon Metals Inc., located in Nephi, Utah. The acquisition supports the company's growth in the infrastructure and waterworks market by increasing capacity for large-diameter piping solutions and is aligned with the strategy to manufacture these products in the United States.



Victaulic continues to demonstrate its commitment to meet the growing needs of its North American customer base by adding foundry and manufacturing capacity. With this acquisition, Victaulic has added over 1.4 million square feet of foundry and manufacturing capacity in North America since 2011.

"A major aspect of Victaulic's business strategy has always been to manufacture products in close proximity to our customers. Like our Tennessee Metal Fabricating acquisition last year, the purchase of Horizon Metals demonstrates our continuous commitment to this strategy by expanding our growth and service capabilities to our valued North American customers. With this purchase, Horizon Metals represents Victaulic's fifth foundry in North America and our fourth foundry located in the United States," commented Rick Bucher, President and Chief Executive Officer of Victaulic. "We are thrilled to welcome the employees from Horizon Metals into the Victaulic family."

### Pennsylvania American Water Announces 2023 "Wonderful World of Water" Camps

Pennsylvania American Water today announced the company's annual Wonderful World of Water Camp, to be held in Wilkes-Barre and Peckville this year. The camps are offered free to children of Pennsylvania American Water customers.



Sponsored and run by Pennsylvania American Water, the Wonderful World of Water Camp provides an opportunity for area children to enjoy outdoor fun while learning about water. Day campers, ages 7-11, explore watershed basics, learn how human activity on the land affects the quality of water in rivers and streams, and discover solutions to water pollution. Campers also learn about the importance of watershed protection along the banks of our local rivers, the Susquehanna River and the Lackawanna River.

The company is again partnering with Penn State Extension/Master Watershed Stewards and the Riverfront Parks Committee to host a Wonderful World of Water Camp at Wilkes University, Wilkes-Barre, July 17-20. Registration for the Wilkes-Barre camp opened May 1. For more information, contact Penn State Extension at 570-825-1701.

Pennsylvania American Water and the Lackawanna River Conservation Association are gearing up for another year of water camp at the Valley Community Library, Peckville, July 31 - August 3. Registration opens July 1. Forms are available online at [www.lrca.org](http://www.lrca.org), by calling 570-347-6311, or by e-mailing [program\\_manager@lrca.org](mailto:program_manager@lrca.org).

Registration for each camp is limited to 25 campers. A deposit of \$10 will hold a child's space, and the deposit will be refunded at the end of camp.

"Our Wonderful World of Water Camp offers a unique experience that takes children into the environment for hands-on learning about one of our most precious resources," said Susan Turcmanovich, external affairs manager, Pennsylvania American Water. "We're so fortunate to have our local rivers as the focal points of these camps, allowing campers to learn how they can help protect them while learning from local environmentalists."

#### About Pennsylvania American Water

Pennsylvania American Water, a subsidiary of American Water, is the largest investor-owned water utility in the state, providing high-quality and reliable water and wastewater services to approximately 2.4 million people. For more information, visit [www.pennsylvaniaamwater.com](http://www.pennsylvaniaamwater.com) and follow Pennsylvania American Water on Twitter and Facebook.

# American Water Charitable Foundation and New Jersey American Water Donate \$30,000 for Reusable Bottle Filling Stations in Camden City School District Cafeterias

The American Water Charitable Foundation (AWCF), a 501(c)(3) organization established by American Water, the largest publicly traded U.S. water and wastewater utility company, and New Jersey American Water, announced today that the Foundation provided a \$25,000 state strategic grant and New Jersey American Water has provided over \$5,000 to fund reusable bottle filling stations in cafeterias throughout the Camden City School District (CCSD), as part of an effort to improve students' access to water for drinking and reduce the usage of bottled water.



The funds are being used for cafeteria bottle filling stations to replace old drinking water fountains for students in 18 CCSD schools, serving nearly 6,000 students, faculty and staff. A portion of the funds is also being used to provide a reusable water bottle to each student enrolled in the schools. The bottle filling stations are being leased and maintained through a contract agreement with DS Business Life Simplified. Installation began in March should be completed by the end of May.

Funding for this project was made possible through AWCF's State Strategic Impact grant program which was launched in 2022 to help support high-impact projects and initiatives throughout American Water's regulated and regulated-like footprint. State Strategic Impact grants are part of AWCF's Keep Communities Flowing grant program, focused on three pillars of giving: Water, People and Communities.

"We are thrilled to be able to partner with the American Water Charitable Foundation and provide funding for these reusable bottle filling stations that will enable the district to promote the increased use of water for hydration among students, as well as reduce the amount of money they are spending on bottled water," said Mark McDonough, President, New Jersey American Water and Board Member, American Water Charitable Foundation. "No student, teacher, faculty member, or Camden resident should have to pay for bottled water when the tap water being provided meets all quality standards and is available for about a penny per gallon, versus anywhere from 86 cents to more than \$8 a gallon."

"Funding from the American Water Charitable Foundation and New Jersey American Water will support a much-needed investment that will encourage our students and staff to choose water for hydration throughout the school day over other beverage choices that are potentially less healthy and higher in sugar and calories," said Superintendent of Camden Schools Katarina T. McCombs. "Moreover, this program significantly reduces the district's current spending for bottled water, which creates opportunities to invest in other school programs and initiatives."

"Once again, American Water is providing meaningful investment in our shared community. Not only do they invest in their infrastructure that treats and delivers our water every day, but they are helping our children make a healthy beverage choice, while helping our schools reduce the amount of money spent on bottled water, and helping encourage people to stop using and discarding single-use plastic bottles that end up littering our streets and waterways," said Mayor Victor Carstarphen. "I encourage every Camden resident to learn the benefits of using reusable bottles to drink tap water instead of single-use, plastic bottled water and make the switch at school and at home. It's more economical and more eco-friendly."

This initiative is part of New Jersey American Water's participation in Full Futures: A School Nutrition Partnership, a program launched by Campbell Soup Company and nearly a dozen non-profit and corporate partners in 2021. In partnership with the Camden City School District, Full Futures is working to advance school nutrition to ensure that all students are well-nourished and ready to thrive at school and in life. New Jersey American Water is a partner in the program, with particular focus on improvements in food service infrastructure to ensure the district has the resources to prepare and serve nutritious meals.

"We are excited to have New Jersey American Water as a partner in our Full Futures school nutrition work," said Kate Barrett, President of the Campbell Soup Foundation. "Through this generous donation, New Jersey American Water and the American Water Charitable Foundation are supporting water access that not only promotes healthy hydration but also enables fresh food preparation. These advancements will have long-lasting benefits for students in Camden."

Campbell is the primary funder of Full Futures. Core partners in this effort include the Camden City School District, Alliance for a Healthier Generation, Center for Family Services, The Common Market, Food Bank of South Jersey, Wellness in the Schools, Whitsons Culinary Group, and New Jersey American Water.

## **About American Water Charitable Foundation**

The American Water Charitable Foundation is a 501(c)(3) nonprofit organization that provides a formal way to demonstrate the company's ongoing commitment to be a good neighbor, citizen, and contributor to the communities where American Water and its employees live, work and operate. For more information, visit [amwater.com/awcf](https://amwater.com/awcf) and follow the American Water Charitable Foundation on Facebook.

# Water For People Distributes \$250,000 in Unrestricted Grants to Locally-Led Nonprofits Across Latin America, Africa and India

As part of an anonymous donor's grantmaking program, Water For People has received an unrestricted donation of \$250,000 towards their "small grants" initiatives. Based on Water For People's experience with unrestricted donations from Mackenzie Scott, this donor, and many others, they are determined to continue this approach of trusted allocation to their locally led grant partners.

"Unrestricted donations in a vacuum is not the solution," explains Katherine Williford, Chief Growth Officer at Water For People. "But the more that donors do trust-based philanthropy — building a relationship and doing due diligence — the more time can be spent on project delivery."

Beyond this sector strengthening, the only requirements for these grants are that they are used to fund local NGOs, a consortia of local NGOs, or local public academic centers. Water For People's non-profit grantees across Africa, India and Latin America, include:

- India: Sarva Seva Samity Sanstha
- Fundación para el Desarrollo Agrario – Universidad (Peru)
- Guatemala: Alianza de Derecho Ambiental y Agua
- Honduras: Asociación para el Manejo Integrado de Cuencas de La Paz y Comayagua
- Tanzania Water and Environment Sanitation Network
- Uganda Water and Sanitation Network
- Malawi: Water, Environment and Sanitation Network.

For more information: Hope Voelkel, [hvoelkel@waterforpeople.org](mailto:hvoelkel@waterforpeople.org)

## PA AWWA Conference Water For People Silent Auction

The PA AWWA Water For People Committee held a silent auction at the PA AWWA Conference at Kalahari Resorts in Pocono Manor, PA on May 9-11, 2023. The auction consisted of over 50 items including sports memorabilia, gift cards, tech gadgets, Ed Sheeran concert tickets, celebrity and musician autographed photos, kitchen appliances, and so much more. All items were donated by committee members, conference exhibitors, and local businesses.

For a little fun, the committee also set up a photo booth next to the silent auction and accepted donations benefitting Water For People.

Combined with a \$4,000 donation from PA AWWA and donations from the photo booth, the auction raised over \$10,000 for Water For People.



## Upcoming Water For People Events

**July 29, 2023—Water For People Night at PNC Park**, Pittsburgh Pirates vs. Philadelphia Phillies. For more information or to obtain tickets, please contact Macy Divens at [MDivens@EntechEng.com](mailto:MDivens@EntechEng.com)

**August 25, 2023-Water For People Nigh at Citizens Bank Park**, Philadelphia Phillies vs. St. Louis Cardinals. For more information or the obtain tickets, please contact Nickole Petrozelli at [NMUva@StoneHillContracting.com](mailto:NMUva@StoneHillContracting.com)

**September 21, 2023—16<sup>th</sup> Annual Water For People Charity Golf Outing**, Wedgewood Golf Course, Coopersburg, PA. For more information, please contact Sandy McIntyre at [sales@GraceMediaServicesInc.com](mailto:sales@GraceMediaServicesInc.com)

**November 2, 2023— 17<sup>th</sup> Annual PA AWWA Water For People Gala**, William Penn Inn, Gwynedd, PA. For more information, please contact Sandy McIntyre at [sales@GraceMediaServicesInc.com](mailto:sales@GraceMediaServicesInc.com)

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INTERESTS OF  
STONE HILL CONTRACTING  
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**Watch for the next issue  
of the *Clarifier* coming  
in September 2023**