



The Clarifier

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17th Annual Water For People Gala



On Thursday evening, November 2nd, Stone Hill Contracting will be hosting the 17th Annual PA AWWA Water For People Gala at the William Penn Inn in Gwynedd, PA. This event was started by Stone Hill as part of their annual month of giving, where they raise funds and awareness for people in developing countries who do not have access to clean water or sanitation.

The Gala begins with a cocktail hour at 5:00 PM and dinner is served at 6:00 PM. The Gala will also feature a silent auction of great items which will be awarded to the highest bidder. Join engineers, owners, vendors and other colleagues for networking while raising mon-

ey for a great cause.

Registration forms can be found on the Stone Hill Contracting website (www.StoneHillContracting.com). If you are unable to attend, please consider becoming an event sponsor or donating an item to the silent auction.

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Water For People Night at Citizens Bank Park

On a very hot and humid Friday, August 25th, over 165 Water For People supporters enjoyed the Phillies game at Citizens Bank Park. The night started at 5:00 PM with a tailgate party in lot M; complete with numerous corn hole games, music, delicious food, and of course cold drinks.



The Phillies bats were also hot as they defeated the St. Louis Cardinals 7-2.

The PA-AWWA Water For People Committee would like to thank their sponsors that helped make this event such a success: Blooming Glen Contractors; O'Donnell Metal Fabricators, Inc.; Commercial Kitchen Ventilation, Inc.; Platinum Concrete & Masonry Restoration; Stone Hill Contracting Co., Inc.; Water Service Professionals; Raritan Group; Raritan Valve & Automation; Construction Risk Partners; Aqua-Aerobic Systems, Inc.; Kappe Associates, Inc.; and Worth & Company. Through their sponsorships and individual ticket sales, the event raised over \$3,000 for Water For People which will help fund projects in Asia, Africa, and Latin America.

Be sure to join the fun in 2024!

Special points of interest:

- Water For People Gala
- Operation Christmas Child Packing Party
- DBIA Northeast Region Conference

PVSC Decant Facility

Stone Hill Contracting and their subcontractors have completed the work on decant tank 6 and it is now back on-line. As soon as PVSC is able to take the next tank out of service, Stone Hill will immediately start the demolition, coating work, and installation of the new the equipment and cover. The new north header odor control duct is installed and is on-line. Stone Hill has also completed the installation of the overflow pump and temporary overflow piping.

McPhee Electric has pulled the new feeders from the new substation 16 to the MCC's in the new electric rooms. Stone Hill was able to install the new canopy after the feeders were pulled. McPhee Electric continues to run conduit and wire up the new devices.

Hays Sheet Metal has set the two new RTU's and has completed the duct-work. Cooper Plumbing is currently on-site to finish the new HWS/HWR piping to the two new RTUs.



Queen Lane WTP Air Scour Project

Project submittals and approvals continue to move along for the project. Philips Brothers Electric has completed disconnections for the old pump station equipment. Jack Pears Associates has completed some of the initial stage I demolition work with removal of the high service pumps/motors. Remaining demo work for the first stage has been on hold pending some design changes related to piping removals.

Stone Hill has completed as built survey of the 40 filters in coordination with PWD operations. This record information will be used for the supply of the new air scour piping and modules for each filter that are being provided by Roberts Filter Group. Stone Hill has also completed survey work for the new supply air piping within the blower room and pipe galleries.



New stainless steel piping for the project is being manufactured by Felker Fabrication. Pending approvals, first releases of piping will be delivered by end of this year. Valves and blowers for the project are being provided by Labe Sales Inc., and are anticipated to be delivered in early 2024. Trijay Systems has completed initial field investigation work for the filter local control panels.

Stone Hill anticipates that the stage I demolition & construction work will resume around press time, beginning with lead paint abatement for some of the 30" and 36" piping.

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David C.. Mott, President
Robert K. McIntyre, Editor

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NJDWSC Clarifier Basins I-4 Project

Stone Hill Contracting and their subcontractors have begun work at the North Jersey District Water Supply Commission to rehabilitate 4 underground clarifier basins. MBE Mark III Electric is handling the electrical requirements for the project and has begun installing conduits, power panels, and transformers for the various parts of the project.

Stone Hill has been working to complete all the above basin concrete equipment pads, curbs, and duct banks before they enter the first basin. With most of the mechanical equipment on site, Stone Hill hopes to gain access to a basin by the time this article reaches print.



Norristown WTP Filter Project

Stone Hill Contracting continues with the work at Pennsylvania American Water Company Norristown Treatment Plant upgrading the 7-filter basins. Since the last issue, they have removed and reinstalled the filter media in two additional basins # 5 and #7. The underdrains in these two basins were found in good condition so the underdrain removal was waived.

Unfortunately, there is a lot of down time between basin upgrades due to the required rinsing and testing to get the basin in compliance for use. Presently, Stone Hill is working on basin #1, in which the underdrain was found damaged. Also found, was an existing membrane system on one wall which had failed. It was meant to protect the opposite dry wall side. Stone Hill has removed the underdrain system and Zack Painting is now in the process of removing the existing coating by sandblasting. Once the wall has been inspected and approved for coating, Zack Painting will apply a Tnemec waterproofing sealer. Stone Hill can then proceed to install the new underdrain system and Water Service Professionals will install the new filter media, supplied by Calgon Carbon. Roberts Water Technologies will oversee the underdrain install.



Veolia Water of Pennsylvania – Sixth Street Water Treatment Plant Sodium Hypochlorite Design Build

Stone Hill Contracting has received their paperwork, with the exception of the notice to proceed, for this project. As soon as the notice to proceed is issued, Stone Hill's design partner, Environmental Design & Research (EDR) will be ready to move forward with design for the project, which will see the existing onsite sodium hypochlorite generation system replaced by a liquid sodium hypochlorite system.

The existing system will be staged such that it can be utilized on a temporary basis during construction, so that plant interruptions can be minimized. Once the design is underway, the team will need to work with PADEP to assure permit compliance, and eventually obtain permitting approval for construction.

At the time of this publication, it is believed that work onsite will commence in first quarter of 2024.



Camden County Municipal Utilities Authority Preliminary Treatment Upgrades

Stone Hill Contracting was awarded the CCMUA Preliminary Treatment Upgrades project in June with a bid amount of \$15,394,377.00. Purchasing and engineering activities are underway on the project in an effort to expedite the start of onsite work. Once submittals are received and approved, the team will put together a full project schedule which will enable them to better determine lead times for deliveries and schedule to accommodate those lead times, so as not to need additional storage space as well as to minimize the distribution of operations on site of having personnel, trailers and/or equipment on site longer than needed.

Stone Hill looks forward to mobilizing early in 2024, and is looking forward to teaming up with some old friends, like Cooper Plumbing & Mechanical, Hays Sheet Metal, Travis Electric, Sherwood Logan and others, to make this a successful project.

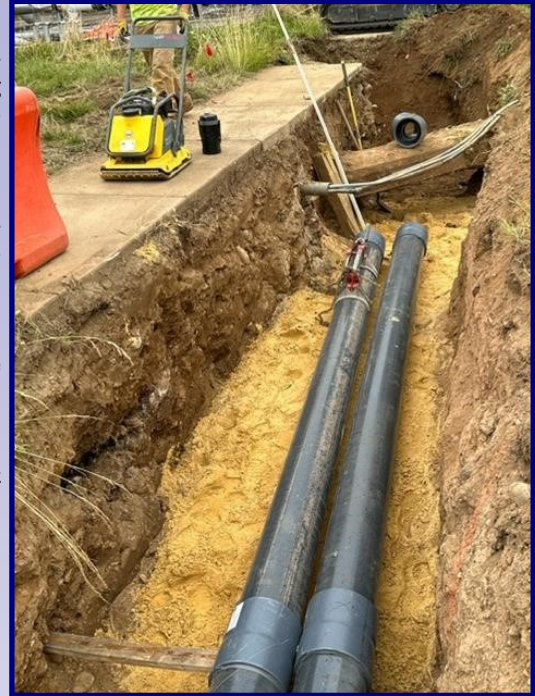
Baxter Water Treatment Plant

With the completion of the south chlorine line running parallel to sedimentation basin #2, Stone Hill continued with the post filtration chlorine piping, which consisted of a dual run of double walled containment piping from the chlorine building terminating at the weir chamber with a total length of nearly 1300 LF. Work progressed at a steady pace with only a few encounters with unmarked underground utilities and was fully installed and tested by mid-July.

Phillips Brothers Electric continued with the installation of controls, instrumentation and power at the post and pre treatment chlorine buildings along with connecting power to four new flow meters installed below the sedimentation tanks in the sedimentation basin gallery.

The next quarter will see Stone Hill complete the north chlorine line, changing the existing piping on the roof of the pre treatment chemical building and finally modifying the layout at the chlorinator room pipe gallery.

Short of any unforeseen problems, work should be complete on or before the first quarter of 2024.



Raritan-Millstone Water Treatment Plant Project

Stone Hill Contracting and their partners including Gannett Fleming, R. Spark Electric, First Goal Heating and Cooling, Zack Painting, Trane, Combustion Service & Equipment, City/Newark Glass, and others are working through the submittal stage of the project, working toward the goal of mobilization in 1st quarter of 2024.

Gannett Fleming has completed the design phase, providing 100% documents for construction. This fall, Stone Hill will work to obtain the needed local permits so that all things will be in place for the start in 2024.

DBIA Liberty Northeast (DE, NJ, NY, PA) Region to Hold First Annual Conference

Design Build Institute of America (DBIA) Liberty Northeast Region has announced plans for their inaugural Annual Conference, that will be held on September 26th & 27th at the Courtyard Newark Downtown, in Newark, NJ. The site was chosen for its proximity to Newark Airport as well as the Newark Penn Station rail station. DBIA's Liberty Northeast Region includes the states of Delaware, New Jersey, New York and Pennsylvania. A total of fourteen (14) sessions (including concurrent sessions) are planned throughout the two days. DBIA Liberty has teamed with PA AWWA since 2013 to hold a Design Build Infrastructure Conference co-located with PA AWWA's Annual conference, and the response has been good, so this stand-alone Design Build Conference looks to be even more well attended. Lisa Washington, President of DBIA National, will be in attendance to take part in the opening keynote, as will dignitaries from throughout the region. With Design Build growing in the region, this conference could well be the steppingstone for many to learn the principles of design build done right!

The Design-Build Institute of America (DBIA) is an association of leaders in the design and construction industry utilizing design-build and integrated project delivery methods to achieve high performance projects.

Founded in 1993, and headquartered in Washington, D.C., DBIA proudly stands as the only membership organization bringing together thousands of organizations and individuals representing architects, engineers, public and private owners, general and specialty contractors, manufacturers and suppliers, students, college and university faculty, legal and finance professionals and many more. In summary, DBIA is the design and construction industry's hub — the only organization that makes whole the industry's many parts.

Stone Hill's Bob McIntyre, who has planned and organized the joint Conference with PA AWWA for over ten years, is on the team planning this conference, and he also sits on the board of DBIA Liberty Region.

For more information or to register, go to: <https://www.dbialiberty.org/events/dbia-liberty-region-fall-conference>

Industry News

Essential Utilities named to Newsweek’s Most Responsible Companies List for Second Consecutive Year

For the second consecutive year, Essential Utilities Inc. is once again named to Newsweek’s Most Responsible Companies in America. The list spotlights public companies with successful environmental, sustainability, and corporate governance (ESG) outcomes.

“Sustainable and equitable practices are fundamental to our business strategy,” said Essential Chairman and CEO Christopher Franklin. “As a purpose-driven company, we intend to operate responsibly within each community we serve. And we appreciate Newsweek’s recognition of the work we do at every level of the company to meet these goals.”

This year, Newsweek recognizes Essential for:

- Progress on aggressive targets for reducing carbon emissions through extensive pipeline replacement, renewable energy purchasing, and leak detection.
- Creating a culture of inclusion that starts with the board of directors and extends through supplier and employee diversity.
- Gifting \$4.5 million dollars in 2022 (via the company’s Foundation) to organizations creating positive outcomes for the environment, human services and food insecurity, diversity and inclusion, economic growth and development, education, and emergency services.

The 2023 America’s Most Responsible Companies list – presented by Newsweek and global research firm Statista, Inc. – recognizes the top 500 most responsible companies headquartered in the United States, from a selection of 2,000 public companies by revenue spanning 14 industries. The selection process is based on published sustainability reports, publicly available ESG performance data, and an independent survey.

New Jersey American Water and Egg Harbor City Honor Edward Dennis Sr. with Dedication at the Company’s Recently Acquired Water Treatment Plant

Recently, New Jersey American Water was joined by Egg Harbor City officials and the friends and family of Edward Dennis, Sr. to honor the former City Council President for his commitment to investment in Egg Harbor City, through the development and construction of the local water treatment plant in 2013.

This state-of-the-art water treatment facility on Philadelphia Avenue will display a dedication plaque on the front of the building to Edward Dennis, Sr. and the City Council that pushed for the plant to be built.

“We are proud to be Egg Harbor City’s new water and wastewater service provider. I want to thank Mayor Jampetti and the members of City Council for entrusting us with this responsibility,” Mark McDonough, President of New Jersey American Water. “We will not let you down.”

On June 1, 2023, New Jersey American Water completed the acquisition of the water and wastewater systems of Egg Harbor City. The sale of these systems, which serve approximately 3,000 customer connections combined, follows the approval of the New Jersey Department of Community Affairs and the New Jersey Board of Public Utilities, and is the first in the state of New Jersey to be completed through the Water Infrastructure Protection Act (WIPA).



PA Environmental Protection Secretary Richard Negrin Tours Once-Troubled Berks County Wastewater System

Pennsylvania American Water recently hosted Richard Negrin, Secretary of the Pennsylvania Department of Environmental Protection (DEP) for a tour of its Exeter Wastewater Treatment Plant in Exeter Township. Sec. Negrin was welcomed by the company's president and members of its operations, engineering, and water quality teams.



Nearly five years ago, in October 2018, Exeter Township's wastewater system accidentally discharged four million gallons of untreated sewage into the Schuylkill River, threatening drinking water in Montgomery and Chester counties. Combined with increasing difficulty in keeping up with federal and state regulations, the township made the decision to sell the wastewater system to Pennsylvania American Water the following year. DEP ultimately placed the system under consent order, requiring a 3-year study on rain overflows and major upgrades to the treatment and collection system.

"As we approach the five-year anniversary of that unfortunate event, we are proud to highlight the work that has been done here in Exeter," said Justin Ladner, president of Pennsylvania American Water. "These upgrades represent Pennsylvania American Water's comprehensive investment and commitment to keeping pace with industry best practices, regulatory compliance, and environmental stewardship. But today is also a celebration of our partnership with leaders like Secretary Negrin and his staff at DEP. Together, we are accomplishing meaningful change."

Since 2019, Pennsylvania American Water has invested more than \$20 million to improve Exeter's wastewater infrastructure, improving environmental compliance, reliability and expanding the capacity of the system to accommodate heavy rains and growth of the community. With upgrades and new technologies now in place, operations have drastically improved, resulting in significant benefits to the Exeter area, down-river communities, and the environment. An additional \$46 million is expected to be invested over the next 5 years for \$66 million in total infrastructure enhancements.

Secretary Negrin applauded the Pennsylvania American Water team for their commitment to keeping drinking water safe and ensuring proper treatment of wastewater, recognizing the company's effort turn the Exeter wastewater treatment plant from a facility with a history of compliance issues to a state-of-the-art facility.

"I think the first thing I learned is that these folks love their job. It's pretty cool to watch people who are committed and downright nerdy about the quality of water," Negrin stated. "Meeting the folks behind the scenes and learning what they do on a daily basis is really, really what makes this tour worth doing. Obviously, the leadership of Justin and his great team here is making a huge difference."

"They made significant investments and demonstrate the partnership we want in terms of compliance from a regulatory perspective," continued Negrin. "If you look at the investments they're making, they are incredibly intentional and strategic and designed to make sure that the Schuylkill River, that's right here, is as clean as possible. And it's an extraordinary effort."

Investments highlighted on the tour included:

- Influent Pump Station – It was the influent pumps that failed in 2018, causing four million gallons of untreated sewage to discharge into the Schuylkill River. These pumps and pump station components and controls have now been replaced.
- Return Activated Sludge Pump Station – Identified as a need before acquiring the system in 2019, Pennsylvania American Water is replacing aging infrastructure and electrical components at this pump station to reduce employee health and safety issues.
- Chlorine Conversion – To address safety concerns for employees and the nearby community, the company replaced its gas chlorine system with a safer form of liquid sodium hypochlorite disinfection.
- Exeter Collection System Evaluation – The entire system has been surveyed, evaluating manholes, inspecting sewer mains, and identifying deficiencies throughout the collection system. Additionally, Pennsylvania American Water has installed more flow meters in areas of concern. Flow monitors allow the team to monitor and react quickly if system improvements are needed.

For over 21 years, Pennsylvania American Water has been providing high quality, reliable water service to Lower Alsace and the surrounding communities. In the fall of 2019, the company began providing wastewater service to the Exeter area. In total, Pennsylvania American Water serves more than 63,000 people in Berks County.

Stone Hill Continues to Support Operation Christmas Child

Stone Hill will once again be helping those less fortunate by packing shoe boxes for the organization Samaritan's Purse and their Operation Christmas Child (OCC) program. Now is the time to start thinking about, and collecting items for needy children all over the world. On November 3rd, the OCC packing party will begin at noon at the Perkasio Fire Company and will be followed by lunch. If you plan to attend, please RSVP to Nickole Petrozelli (215.340.1840 or NMUva@StoneHillContracting.com) to ensure there is adequate food.

Suggested items to be included in the shoe boxes are: toys (stuffed animals, kazoos, yo-yo's, jump ropes, balls, toy cars, etc.); school supplies (pens, pencils, erasers, markers, sharpeners, notebooks, crayons, solar calculators, coloring books); hygiene items (toothbrush, wash cloth, bar soap, combs); accessories (sunglasses, socks, gloves, watches, flashlights with batteries, hair clips/bows, jewelry). Please do not include damaged/used items, war-related items, food of any kind, liquids, lotions or anything breakable.



Thanks to donations from friends and colleagues, last year, Stone Hill employees packed 242 shoe boxes for OCC, bringing the grand total to 2,468 boxes since the first packing party in 2014.

If you are unable to join the party, please consider making a monetary donation. It takes \$10 to get an Operation Christmas Child box into the hands of a needy child. You can also pack your own shoe box and drop it off at Stone Hill prior to November 13th and it will be included and distributed with their gift boxes.

The Stone Hill OCC "team" is very appreciative of the support received from colleagues in the form of monetary donations, packing assistance, and donation of goods over the past eight years. It's a project that truly fits into their November month of giving.

For more information, please visit www.SamaritansPurse.org.

Water For People Night at PNC Park

A great time was had by the 130+ people in attendance at Water For People Night at PNC Park on July 29th, and the Pirates defeated the Phillies 7-6. The event raised over \$1,200 for Water For People!

The evening kicked off with a pre-game tailgate party complete with drinks and lots of delicious food.

Many thanks to our sponsors: Aqua America; GA Industries; McMillen Engineering; KLH Engineers; and Evoqua.

This event has grown each year so make sure not to miss it in 2024!



Upcoming Water For People

September 21, 2023—16th Annual Water For People Charity Golf Outing, Wedgewood Golf Course, Coopersburg, PA. For more information, please contact Sandy McIntyre at sales@GraceMediaServicesInc.com

November 2, 2023—17th Annual PA AWWA Water For People Gala, William Penn Inn, Gwynedd, PA. For more information, please contact Sandy McIntyre at sales@GraceMediaServicesInc.com

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Stone Hill Contracting Co., Inc.
P.O. Box 1370
Doylestown, PA 18901

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Stone Hill Contracting



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Stone Hill Contracting is a regional contractor that provides valuable services by partnering with Owner's, Engineer's, Utilities, Municipalities and communities to improve the environment and our nation's infrastructure.

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*P.O. Box 1370
252 W. Swamp Road, Ste. 19
Doylestown, PA 18901*

*Phone: 215-340-1840
Fax: 215-340-1991
Email:
clarifier@StoneHillContracting.com*

**We're on the web at:
www.StoneHillContracting.com**

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