



The Clarifier

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16th Annual Water For People Gala



On Thursday evening, November 3rd, Stone Hill Contracting will be hosting the 16th 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 giving month, 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 guest speaker this year is Laura Brunson, Director of Global Monitoring and Strategic Accountability for Water For People. 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 money 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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15th Annual Water For People Charity Golf Outing



On September 22nd, the 15th Annual PA-AWWA Water For People Charity Golf Outing will be held at Wedgewood Golf Course in Coopersburg, PA. Only minutes south of Allentown, east of Bethlehem and north of Quakertown the course is easily accessible from the I-78 Route 309 exchange at Center Valley. Reading is just 35 minutes to the west and the NJ border is just 15 minutes away. The original 18 holes opened in 1963 and was renamed the Pine and Maple Nines with the addition of the Oak Nine in 2000. An expansive 40-acre driving range with all grass hitting areas will get your game ready for this gem of a golf course.

Growing each year, this event is one of the main fund raising events for the PA Water For People Committee. Stone Hill Contracting has long supported Water For People, and they

encourage you both personally and corporately to join in the struggle to help these people in developing countries, receive sustainable clean water and sanitary facilities.

Registration and continental breakfast start at 7:15 AM with a scramble start at 8:00 AM. If you would like to be a part of the PA-AWWA Water For People Charity Golf Outing, whether by being a sponsor or playing at the event, please visit www.wfpgolf.com or if you have questions, or need additional information, please contact Sandy McIntyre by email at sales@GraceMediaServicesInc.com or by phone at (215) 257-6100.

Let's all work together to make this outing the best one ever and at the same time, help more people throughout the world receive hope for a brighter future, through the work of Water For People.

Special points of interest:

- Water For People Events
- NJDWSC Project Complete

NJDWSC Lagoon Decant Project Reaches Completion

Stone Hill Contracting and their subcontractors have successfully completed and started up the new HVAC system at the NJDWSC RTF building.

The new heating, cooling, and ventilation systems were started up just in time for the summer heat! With this work being completed, Stone Hill has demobilized and looks forward to the next project with NJDWSC.



Aqua PA North Hills Project

Aqua, Mott MacDonald and Stone Hill have teamed up to upgrade an existing well station in Glenside Pa. One thing in construction, every project is unique. In this case, it is the room available to construct. Every step of the project is a single operation with no room to perform any other operation.

Staging is limited to almost nothing, which requires a different aspect to scheduling since there is nothing else that can be started until the first operation is complete. Otherwise, the project contains the basics such as yard pipe, excavation, concrete, electrical and so on. Although small, the project has 15 LPO's 4 Material Contracts and 13 Subcontracts. Currently all the major yard pipe and interior demolitions have been completed. Excavation for the building structure progressed and the foundation footings placed. Foundation wall forming and resteel are now completed awaiting placement of the 4500-psi concrete. CNM Plumbing has installed the necessary below grade plumbing.



By the next issue of the Clarifier, Stone Hill plans to have installed the main slab, 2 Ion Tanks and have the masonry and roofing complete. Within that time, they should also be receiving the interior chemical system and have the interior flanged piping completed. Onward and forward it will be nice to get things backfilled so we can increase our workspace at this site.

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end of 2021.

This project consists of the replacement of filter media, underdrain system, crack injection of the concrete walls, painting of the tank and troughs, and replacement of the air supply piping. To date, Stone Hill has completed the removal of the filter media in the North and South bays, removed the existing Aries air scour system from the North and South bays, broken the underdrain clay tiles in the North and South bays, and removed the underdrain tiles from the South bay. They plan to complete the remaining underdrain demolition, crack injection of the walls, and cleaning of the tanks by press time.

The tank will then be turned over to Zack Painting to apply the new tank coatings. The underdrain equipment deliveries are expected in October and Stone Hill plans to complete this project by the end of the year.

NJDWSC Filter Project

Stone Hill Contracting has begun another project at the NJDWSC facility. This project is much the same as the previous Filter I Rehabilitation project that Stone Hill completed at the



Passaic Valley Sewerage Commission Decant Facility

Decant Tank 6 Work continues to progress. Stone Hill has installed the new drive, cage, and rake arms, and is in the process of installing the new roof, working along with BR Welding, who will be doing all the welding for the cover.

Advanced Roofing has installed the new built-up roof system on each utility room. Now that the rooms are weather tight the other trades were able to start their work. Zack Painting was able to paint the walls and ceilings. Followed by McPhee Electric, who has started installing new electrical panels and conduit throughout the utility rooms and Hays Sheet Metal is installing the new stainless duct and miscellaneous HVAC equipment.

Stone Hill has also been working to complete all the electrical duct banks and equipment pad for the new Substation 16, which will provide power to the new utility rooms and decant equipment.



Wyeth American Cyanamid Project

Stone Hill Contracting has completed the installation of approximately 850 linear feet of 6"x3" dual contained pipe inside of an existing piping system. The piping has been tested and turned over to the owner for use and site restoration has been completed.

The second phase of the project consisted of replacing the cell house pump discharge piping in three cell houses and supplying new heat trace, insulation, and flow meters. The piping has been replaced, tested, and turned over to the owner with the exception of the new flow meters. Due to manufacturing lead times, the flow meters are expected to be in by the end of summer. Stone Hill hopes to have the flow meters installed and project completed by the end of September.



Ocean County Northern Recycling Facility

Stone Hill Contracting has been diligently working on submittals for this project to allow the equipment to be delivered in time to meet the project schedule.

The new equipment being supplied by Sparta Manufacturing is expected to land in late-October 2022. This will allow Stone Hill a couple weeks to unload, inspect, and prepare the units for installation in the building during the seven day shutdown of the facility.

If all goes well, the shut down will occur in November and be completed with start ups and training by the end of the seven days.



Baxter Water Treatment Plant

The hot summer months began with Stone Hill preparing for the installation of approximately 1400 feet of double walled pvc containment pipe. Philips Brothers Electrical Contractors working in conjunction with Stone Hill installing conduit in the same trench required for controls and power for the chlorine leak detection system at the new chlorine vault located at the mid-point of the 1400-foot run of double containment piping.

Soon after the start of the yard piping, plans began to get the layout and excavation done for the new concrete spill containment pad in front of the Ferric Tanks, concrete subcontractor Lake Glen Enterprises, Inc., will tackle this portion of the contract. PWD will take one of the existing Ferric Tanks (installed by Stone Hill in 2016) out of service in early August so that repairs can be made to the overflow vents, recoating of the tank by Gracie Painting, and concrete repairs by Zack Painting.

Coordination with PWD will be required for a lot of this work as they push to get as much done as possible before the weather turns colder. One more shutdown coming up so the work in the existing Sedimentation basins can be completed.



NJDWSC Basins 1-4 Rehabilitation Project

Stone Hill Contracting has been awarded another project at the NJDWSC facility. This project consists of rehabilitating the four remaining clarifier basins. Stone Hill previously rehabilitated basins 5 and 6.

Basins 1-4 pose a new challenge that 5 and 6 did not have. They are underground. This will make material handling a bit more challenging and require Stone Hill to ensure equipment is fabricated in way to allow installation. The new equipment on this project will consist of flocculators by JMS Inc., sludge collectors by MRI Inc., fiberglass baffle walls by Midwestern Fabricators, submarine doors by VR Containment, stop logs by Whipps Inc., and valves by Henry Pratt. MBE Mark III will handle the electrical requirements for this project and Trijay Inc. will supply instrumentation systems.

With the submittal phase of this project underway, Stone Hill hopes to break ground on this project before the end of the year.



Chem Fab Superfund Project

Work is underway at the Chem Fab project site in Doylestown, PA Stone Hill has been receiving delivery of various pieces of process equipment throughout the summer months. The equipment is provided directly through the General Contractor, Versar. Crews have been working to install each system upon approval of the associated layout and receipt of materials.

Fiasconaro HVAC completed the installation of the unit heaters for the process area of the building along with mini split heat pumps for the electrical control room, office, and bathroom areas. CNM Plumbing is completing the domestic plumbing for the building which includes backflow preventer installations, water supply and bathroom fixtures, along with utility sink, and emergency eyewash shower units.

In the coming months as final equipment layout and materials are available, Stone Hill will install the well pumps and remaining process equipment. Testing and startup activity will be closely coordinated with the project team of Versar.



Industry News

Water Sector Organizations Highlight 5 Priorities for the Nation's Water Infrastructure

The Ad Hoc Water Infrastructure Group recently released a document entitled, "Priorities for the Nation's Water Infrastructure." The group counts many of the water sector's leading organizations amongst its members, including: the American Water Works Association, the National Association of Clean Water Agencies, the US Water Alliance, the Water Environment Federation and WateReuse, to name a few.

The document highlights five priority areas and recommends key actions that can be taken by the government and other water sector actors to help repair and replace our nation's aging water infrastructure. One of the five priority areas named is accelerating the adoption of innovative technologies and the recommended actions include creating a National Water Test Bed Network and a "national program for collaboration and sharing of Best Practices". According to the authors, a National Test Bed Network would help accelerate the evaluation and deployment of innovative technologies in the sector and by helping to reduce market barriers, including the inherently risk averse nature of the water sector. Similarly, a national program for sharing best practices could help encourage the implementation of innovative technologies by allowing utilities to share lessons learned and technical expertise. This program would be of particular value to small and/or rural water systems that may currently lack the technical capacity to adopt some of the more innovative technologies available in the water sector today.

To view the full document, visit <http://www2.apwa.net/Documents/Advocacy/Water-Policy-Booklet-FINAL.pdf>.

Evoqua Water Technologies Acquires EPICOR, Inc.

Evoqua Water Technologies, an industry leader in mission-critical water treatment solutions, recently announced that it has acquired privately-held EPICOR, Inc., a leading manufacturer of high-quality powdered ion exchange resins and resin/fiber mixtures for the power industry.

Headquartered in Linden, New Jersey, EPICOR has supplied specialty resins for power steam system treatment for fifty years. The resins provide a cost-effective and efficient method for creating and maintaining a continual supply of ultra-pure water for power plants.

"EPICOR has been a valued supplier to Evoqua for many years," said Evoqua's Chief Executive Officer, Ron Keating. "We believe the acquisition will strengthen our Integrated Solutions and Services segment's ability to better support and serve our power market customers."

The terms of the deal were not disclosed.

Brown and Caldwell Announce New COO

Brown and Caldwell recently announced Euan Finlay has been promoted from senior vice president to chief operating officer (COO), effective immediately.

A senior executive with 25 years of experience, Finlay excels in leading organizations and teams to deliver excellence to clients while driving sustainable growth. Throughout his career, he has held executive roles in operations, design, and construction businesses in numerous international locations focused on developing client solutions for environmental, water, and wastewater infrastructure. He has led multi-million-dollar businesses, managed company-wide project delivery, and directed mergers and acquisitions as a Fortune 500 company executive.

Before joining the firm in 2019 as director of business transformation, Finlay was an operations executive for a leading provider of design, design/build, and program management services.

As COO, Denver-based Finlay will interface with the firm's leadership to ensure strategic and technical objectives translate to operational capabilities aligned with business targets. Furthermore, he will play a key role in ensuring cultural imperatives are communicated and supported operationally throughout the 1,800 employee-owned company.



Pennsylvania American Water Hosts Public Officials for Tour of \$1.1 Million Montgomery County Water Storage Tank Upgrade

Pennsylvania American Water representatives welcomed state and local officials, fire and emergency responders, and representatives from the Pennsylvania Department of Environmental Protection to tour an infrastructure improvement project at the company's Dekalb Pike water storage tank in East Norriton, Montgomery County.

Over 30 people attended for a rare view inside the Dekalb Pike water storage tank, a 2.8-million-gallon facility being rehabilitated to extend its service life and help protect water quality.

"We take pride in continuously maintaining and upgrading the infrastructure that keeps our water and wastewater systems operating efficiently," said Jim Gable, senior manager of operations for Pennsylvania American Water. "To do this, our engineering and operations teams work closely to conduct detailed inspections, identify potential areas for improvement, and put plans into action to make improvements that allow us to continue serving our customers with affordable, high-quality, reliable service."

Last painted in 2000, this critical rehabilitation project began this spring and will be completed later this summer. The total cost is estimated at \$1,100,000.

"The cost of rehabilitating the tank represents a significant cost savings to customers in contrast to replacing the structure," continued Gable. "In addition, the paint provides a protective barrier to prevent the steel from rusting and compromising water quality."

The tank is part of the company's Norristown water system, which serves more than 33,000 customers in 11 municipalities.

"This event was a unique opportunity to see significant infrastructure investments by Pennsylvania American Water," said State Representative Joe Webster. "Water is an enormously important issue for my District. Nothing is more important to our residents than safe, clean, dependable drinking water."

The project was completed by qualified rehabilitation contractor George Kountoupes Painting and involved abrasive blasting and paint application on the interior and exterior of the tank, as well as structural support evaluation and rehabilitation.

"This tour put into perspective the infrastructure needed to provide adequate water supply and pressure for critical fire protection, in addition to providing safe drinking water to the community," said Steven Wanczyk, building codes and fire inspector for Bridgeport Borough. "It is great to see ongoing investments in our community's water infrastructure."

Pennsylvania American Water Helps Plant Nearly 2,000 Trees in Recognition of Customers' Switch to Paperless Billing

Following a highly successful monthlong paperless billing customer enrollment campaign, Pennsylvania American Water recently donated \$19,470 to the Chesapeake Bay Foundation's Keystone 10 Million Trees Partnership. This spring, the company committed to donating \$10 for every customer who switched from paper to electronic bills during the month of April, enough to underwrite the cost of planting one tree, including the tree itself and a reusable stake and shelter. The campaign led to 1,947 customer conversions to paperless billing, which will result in an equivalent number of trees being planted across Pennsylvania thanks to Chesapeake Bay Foundation and its network of partners.

"We are so pleased that our efforts to help customers make more sustainable choices will also help plant nearly two thousand new trees in communities where our customers live, work and play," said Mike Doran, president of Pennsylvania American Water. "I want to thank each customer who participated for taking this step to help reduce their environmental footprint."

"Pennsylvania American Water's e-billing campaign not only eliminated unnecessary paper waste and carbon outputs, but their generous donation will plant trees across Pennsylvania," said Bill Chain, the Chesapeake Bay Foundation's executive director in Pennsylvania. "These new forests will improve air quality and prevent pollution from running into our streams and rivers helping make sure that communities throughout the state have a healthy, thriving environment. We are proud to join with partners like Pennsylvania American Water who understand the importance of clean water and what it means to our quality of life."

As part of the initiative, customers could request free trees from the Chesapeake Bay Foundation for their properties, which resulted in 645 new tree inquiries. More information and an online request form can be found at <https://tenmilliontrees.org/get-involved/landowners/>.



Stone Hill Supports Operation Christmas Child

Stone Hill will once again be giving back 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 4th, 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 Uva (215.340.1840 or NMUva@StoneHillContracting.com) to ensure there is adequate food and facility space.



Suggested items to be included in the shoe boxes are: toys (stuffed animals, kazoo's, 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. Reminder.....no candy, gum or toothpaste!



Thanks to donations from friends and colleagues, last year, Stone Hill employees packed 301 shoe boxes for Operation Christmas Child. They hope to increase those figures in 2022. Since the first packing party in 2014, Stone Hill has contributed a total of 2226 boxes to the cause.

If you are unable to join the party, please consider making a monetary donation. It takes \$9 to get an Operation Christmas Child box into the hands of a needy child. You can also pack your own gift box/backpack and drop it off at Stone Hill prior to November 11th and it will be included and distributed with their gift boxes.

Water For People Night at PNC Park

A great time was had by all in attendance at Water For People Night at PNC Park on July 23rd, and the Pirates defeated the Marlins 1-0. The event raised over \$5,800 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 all sponsors: Aqua America; GA Industries; McMillen Engineering; Pittsburgh Water and Sewer Authority; Red Zone Robotics; Bankson Engineers; Gwin, Dobson & Forman; KLH Engineers; and Lennon, Smith, Souleret Engineering.

This event has grown each year so make sure not to miss it in 2023!



Upcoming Water For People Events

September 22, 2022—15th Annual Water For People Charity Golf Outing, Wedgewood Golf Course, Coopersburg, PA. Register online at www.wfpgolf.com or for additional information, please contact Sandy McIntyre at sales@GraceMediaServicesInc.com

September 23, 2022—Water For People Benefit Dinner, The Boathouse at Mercer Lake, West Windsor Township, NJ. For more information, please contact Chelsea Kulp at chelsea.kulp@amwater.com

November 3, 2022—16th Annual PA AWWA Water For People Gala, William Penn Inn, Gwynedd, PA. For more information, please contact Sandy McIntyre at sales@GraceMediaServicesInc.com

November 6, 2022—TCS New York City Marathon. For more information or to obtain an application, please contact Michael Johnson at msj@bsjinc.com

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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.

**We're on the web at:
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**Watch for the next issue
of the *Clarifier* coming
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