



The Clarifier

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Stone Hill to be Well Represented this Spring at Association Events

Inside this issue:

Spring is quickly approaching, and much like other years, Stone Hill employees are gearing up to take part in various industry conferences both locally and throughout the country. It is important to stay on top of what is happening within the industry, as well as to spend time networking with industry professionals, both meeting new acquaintances and renewing ties with old friends. Stone Hill values their participation in organizations that help to further the water, wastewater, solid waste and construction industries, and does what they can to support them, by encouraging employees to serve on committees and boards in these organizations, both at the local level and nationally.

In reviewing the upcoming industry events, Stone Hill plans to take part in the following excellent opportunities for advancement:

- **March 15-17: Design Build Institute of America (DBIA) Water and Wastewater Conference** – Washington State Convention Center, Seattle, WA (www.DBIA.org)
- **March 21-24: NJ AWWA Annual Conference** – Borgata Hotel Casino, Atlantic City, NJ (www.NJAWWA.org)
- **April 27-28: SWANA NJ Spring Conference** – Golden Nugget Casino & Hotel, Atlantic City, NJ (www.SWANANj.org)
- **May 8-12: NJWEA 108th John Lagrosa Annual Conference and Exposition** – Harrah's Resort, Atlantic City, NJ (www.NJWEA.org)
- **May 9-11: PA AWWA 75th Annual Conference** – Kalahari Waterpark Resort Convention Center, Pocono Manor, PA (www.PAAWWA.org)
- **May 9-11: DBIA Liberty Region Annual Infrastructure Conference** – Kalahari Waterpark Resort Convention Center, Pocono Manor, PA (www.DBIALiberty.org)
- **June 11-14: AWWA Annual Conference and Exhibition (ACE) '23** - Enercare Centre, Toronto, Canada (www.AWWA.org)
- **June 18-21: PWEA PennTec; 94th Annual Technical Conference & Exhibition** – Hershey Lodge, Hershey, PA (www.PWEA.org) .

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Special points of interest:

- Spring Conference Schedule
- New Water For People Events

For more information about these conferences and/or the great organizations associated with them, please visit their websites as listed above, or feel free to reach out to Stone Hill for more information.



ChemFab Superfund Project Reaches Completion

All of Stone Hills' remaining installations of equipment and piping for the ChemFab Project were completed just prior to the Christmas holiday. Stone Hill also completed painting of the interior doors as well as finished the installation of the drop ceilings and insulation work for the electrical room.

The general contractor, Versar's, painting sub-contractor completed the floor coating for the building over the holiday break. Stone Hill was back onsite for the first week of the new year for demobilization. Versar will now be working with their project team members to complete final details and startup the equipment.

Thank you to each of the vendors and sub-contractors who helped to bring this project to a successful completion.



Ocean County Northern Recycling Facility

Stone Hill was successful in the one-week shutdown of the Northern Ocean County Recycling Facility in mid-December of 2022. During the shutdown of the facility, Stone Hill and their sub-contractors were required to complete the demolition of the existing equipment, installation of the ballistic separator and associated transfer conveyors, and start up/training on the new equipment.



Crews ran continuously around the clock to meet the stringent deadline of the project. The project team consisted of R. Spark Electric, Jack Pears Demolition, Applewood Controls, Tomra Sorting (optical sorter requirements), and Sparta Manufacturing (equipment supply).

With the completion of this project just before the end of 2022, Stone Hill looks forward to moving on to the next project.

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NJDWSC Clarifier Basins I-4 Project

Stone Hill Contracting continues to work through submittals and permitting on this project. This project consists of rehabilitating the four remaining clarifier basins at the NJDWSC water treatment facility.

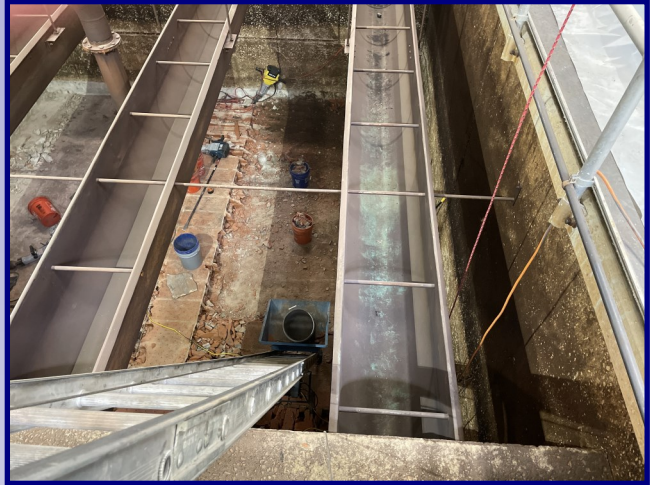
The new equipment on this project will consist of flocculators by JMS Inc., sludge collectors by MRI Inc., fiberglass baffle walls by Midwestern Fabricators, submarine doors by VR Containment, stop logs by Whipps Inc., and valves by Henry Pratt. MBE Mark III will handle the electrical requirements for this project and Trijay, Inc. will supply instrumentation systems.

Materials for this project are beginning to be delivered and hopes of a construction permit by press time will allow Stone Hill to begin work on this project in mid to late winter.

Norristown WTP Filter Project

Stone Hill Contracting received additional work to rehab a possible seven filters at the Norristown WTP. To begin, they are to rehab three filters, including the media and underdrain systems. Pending the inspection of the existing underdrain in the remaining four filters, a decision will be made on the need to rehab them as well. The new Infinity underdrain is being supplied by Roberts Water Technologies. If after inspection the underdrain is in sound condition, then the scope is to just replace the media.

Presently in the first filter (#4), they found the existing clay tile underdrain was in poor condition. As such, Stone Hill contracted Water Service Professionals to remove the air scour piping and existing clay tile. Once the demolition was completed, discovery was made of shrinkage cracks in the basin walls. Stone Hill was directed to perform crack injection to seal the joints. Once completed, they then proceeded to the leveling and installation of the new Infinity underdrain. The system was then inspected to confirm that the underdrain installation was correct. Water Service Professionals then returned to the site to install the media and air scour system.



After the media was reinstalled, the complete system was then backwashed and core samples taken for conformity. The filter was then chlorinated and at press time is going thru several backwashes and sampling for arsenic and coliform. Once a sampling provides levels of acceptance, the filter will then be put online, and Stone Hill will proceed to the next filter.

Aqua PA North Hills Project

Work continues at the North Hills well station upgrade project. The project continues to progress with the main structure and interior piping at 95%. PECO has now energized the new electrical service and Vietri is working on various interior electrical components. Stone Hill is still delayed due to major electrical components being delivered to the site. In turn, Vietri is working on installing a temporary electrical system to put the plant online by the end of March.

BVF construction has completed the R-49 roof insulation, M & T Contracting has completed all the shingle roofing, exterior trim, and gutter work, which brings the building structure completion to 95%. Zack Painting is onsite and working on the interior painting of the walls, floors, and ceilings. Interior plumbing work is presently on hold due to the passing of our original plumber Mr. Chris Moffit. Stone Hill is seeking a new replacement currently.

HVAC is currently waiting for Apex to complete the duct fabrication which will allow Fiasconaro HVAC, Inc. to start the HVAC install. Stone Hill has received all the motor operated dampers, exhaust, and supply fans, and the louvers from Delran HVAC, Inc.



Stone Hill continues the installation of various small interior piping and valve work, along with the final installation of yard piping which is the underdrain and detention system. Final landscaping, plantings and paving have been pushed into early spring but will not affect the startup of the system. They will continue to push forward despite the setbacks created by today's manufacturing issues.

Queen Lane WTP Air Scour Project

Stone Hill Contracting has received the notice of award for the new Filter Air Scour System at the PWD Queen Lane WTP. Stone Hill looks forward to beginning this project and anticipates receipt of the contract and notice to proceed by press time.

Work will begin onsite with isolation and demolition of the existing high service pumps and piping. Concrete floor infills will be completed in the existing pump room to allow for installation of a new equipment pad for three positive displacement blowers. Work for new equipment and piping installations will begin as delivery schedules allow.

The new air scour system will be installed for a total of 40 filters and will be completed in four stages, one for each filter gallery.

Baxter Water Treatment Plant

Stone Hill Contracting Co., Inc. has continued with the installation of approximately 200 LF of double walled containment pipe at sed basin #2 with the work progressing at a painfully slow pace due to the amount of existing underground utilities encountered along the proposed installation route. When work was halted at the sed basin, Stone Hill pivoted and installed approximately 400 LF of single walled 6" PVC pipe at the pipe gallery of the control building.

Lake Glenn Enterprise, Stone Hills' concrete sub, successfully placed fill concrete at the bottom of the trough of the new spill containment slab placed in September of 2022. At the same time, a small spill pad at the truck unloading area was also poured. When the weather cooperated, Gracie Painting sandblasted and recoated the existing ferric chloride containment area surrounding the four ferric tanks. Not to be forgotten, Phillips Brothers (electric subcontractor) continued with installation of various controls and new electric service throughout the plant.



Raritan-Millstone Water Treatment Plant Project

Stone Hill Contracting, working with their Design Partner, Gannett Fleming, continues through the design phase of this multi-million dollar design build HVAC project in Bridgewater, NJ. The project which entails the upgrade of all the HVAC services in the Filter Building at the plant includes replacing the steam heating system with hot water heat, as well as replacing the entire forced air HVAC system throughout the building all in an attempt to make things more energy efficient and at the same time provide better temperature and humidity control throughout the system.

The project team met with New Jersey American Water to go over the 60% design in mid February, and is close to finalizing the construction cost for the project. The team is working to finalize the design shortly, and hopes to mobilize in late spring to begin the onsite work for the project.



Pennsylvania American Water Accepting Applications for 2023 Environmental Grant Program

Pennsylvania American Water announced recently that applications are now being accepted for the company's 2023 Environmental Grant Program. The program offers funding for innovative, community-based environmental projects that improve, restore or protect the watersheds, surface water and groundwater supplies in local communities.

"So many of our communities and local organizations work to improve our environment and our water resources," said Marcus Kohl, director of water quality and environmental compliance for Pennsylvania American Water. "We're proud to continue offering this grant to support those initiatives and positively impact our natural resources."

To qualify, proposed projects must be:

- Located within the Pennsylvania American Water service area
- Completed between May and November of the grant funding year
- Be a new, innovative community initiative or serve as a significant expansion to an existing program
- Be carried out by a formal or informal partnership between two or more organizations
- Provide evidence of sustainability (continued existence after the grant monies are utilized).

A panel of judges will evaluate the applications based on environmental need, innovation, community engagement and sustainability. Information and applications can be found on the Environmental Grant Program page of the company's website, under News & Community. For additional information, please contact pa.communityrelations@amwater.com. Applications must be postmarked by March 31, 2023, and recipients will be notified in late April.

In 2022, the program awarded nearly \$75,000 to 13 recipients.

Industry News

USEPA Announces \$2 Billion in Bipartisan Infrastructure Law Funding to States and Territories to Address Emerging Contaminants Like PFAS in Drinking Water

In early February, U.S. Environmental Protection Agency (EPA) Administrator Michael S. Regan announced the availability of \$2 billion from President Biden's Bipartisan Infrastructure Law to address emerging contaminants, like Per- and Polyfluoroalkyl Substances (PFAS) in drinking water across the country. This investment, which is allocated to states and territories, will be made available to communities as grants through EPA's Emerging Contaminants in Small or Disadvantaged Communities (EC-SDC) Grant Program and will promote access to safe and clean water in small, rural, and disadvantaged communities while supporting local economies. Administrator Regan announced the water infrastructure investments in Maysville, North Carolina while holding a community roundtable with North Carolina Department of Environmental Quality Secretary Elizabeth S. Biser and other state and local leaders.

"Too many American communities, especially those that are small, rural, or underserved, are suffering from exposure to PFAS and other harmful contaminants in their drinking water," said EPA Administrator Michael S. Regan. "Thanks to President Biden's leadership, we are investing in America and providing billions of dollars to strengthen our nation's water infrastructure while safeguarding people's health and boosting local economies. These grants build on EPA's PFAS Strategic Roadmap and will help protect our smallest and most vulnerable communities from these persistent and dangerous chemicals."

The Bipartisan Infrastructure Law invests \$5 billion over five years to help communities that are on the frontlines of PFAS contamination reduce PFAS in drinking water. This initial allotment of \$2 billion to states and territories can be used to prioritize infrastructure and source water treatment for pollutants, like PFAS and other emerging contaminants, and to conduct water quality testing.

EPA is also releasing the Emerging Contaminants in Small or Disadvantaged Communities Grant Implementation document. The implementation document provides states and communities with the information necessary to use this funding to address local water quality and public health challenges. These grants will enable communities to improve local water infrastructure and reduce emerging contaminants in drinking water by implementing solutions such as installing necessary treatment solutions.

These actions represent a significant milestone within the Biden-Harris Administration's commitments to combat PFAS pollution and safeguard drinking water, and specifically EPA's October 2021 PFAS Strategic Roadmap. Under the Roadmap, EPA is working across the Agency to protect the public from the health impacts of PFAS. EPA has taken a number of actions to deliver progress on PFAS including:

- **Proposing to designate two PFAS as CERCLA hazardous substances.** If finalized, this will be a critical step toward increasing transparency around releases of PFAS and holding polluters accountable for cleaning up their contamination.
- **Releasing drinking water health advisories.** Acting in accordance with EPA's mission to protect public health and keep communities and public health authorities informed when new science becomes available, the Agency issued drinking water health advisories for four PFAS.
- **Laying the foundation to enhance data on PFAS.** This included an order under EPA's National PFAS Testing Strategy requiring companies to conduct PFAS testing, and nationwide sampling through the Unregulated Contaminant Monitoring Rule for 29 PFAS in public drinking water systems.
- **Expanding the scientific understanding of PFAS.** The Agency issued more than 30 scientific publications by EPA researchers and released EPA's PFAS Thermal Treatment Database.
- **Translating the latest science into EPA's cross-agency PFAS efforts.** This included updating EPA's contaminated site cleanup tables, developing new PFAS methods and conducting toxicity assessments, and issuing draft national recommended water quality criteria to protect aquatic life.
- **Continuing engagement with the public.** EPA's PFAS work was informed by public webinars, stakeholder meetings, Congressional testimony, and engagement with EPA's federal advisory committees.

In addition to this new grant, EPA is also working to propose a PFAS National Primary Drinking Water Regulations (NPDWR) in the coming weeks. The draft proposed rule is currently undergoing interagency review and EPA will issue the proposed rule for public comment when it clears the Office of Management and Budget (OMB). The Agency anticipates finalizing the rule by the end of 2023.

Executive Director Jim Mueller Completes First Year at Passaic Valley Water Commission

When former Executive Director Joe Bella retired in April 2021, a search commenced for a new executive director of Passaic Valley Water Commission (PVWC) and by February 2022, Jim Mueller began his tenure. Mueller has a vision for New Jersey's largest publicly owned water system – investing in people, infrastructure, and systems are the foundation of that vision.



“Over the last year I have worked with the PVWC Board of Commissioners, my senior leadership team, and staff throughout the organization to begin to address the challenges facing PVWC,” said Mueller. “Working together to achieve the common goal of providing the highest quality drinking water, with minimal service interruption to our customers, is our end goal.” Taking the helm at PVWC has not been a cake walk for Mueller. There have been internal and external challenges which he is addressing in true professional style.

Internally, Mueller met with employees and department heads to ensure the right people are in the right positions. He even created new positions to meet his goals for the company. In some instances, Mueller had to hire new people to replace those who either retired or changed career paths.

Externally, Mueller asked his newly formed Communications Department to set up quarterly meetings with the public officials and their staffs in PVWC's service area to hear their concerns and address issues. “Director Mueller has hit the ground running,” said Paterson Mayor Andre Sayegh. “He has proven to be an effective communicator and willing partner to improve customer service at PVWC. Moreover, he has taken the lead on the lead pipe replacement program and is working with me to bring the long-awaited installation of the tanks at Levine Reservoir to fruition,” continued Mayor Sayegh.

Other First Year Initiatives under Mueller include:

- Free Lead Service Line Replacement Program in which customers with lead service lines can get those lines replaced for free by the company
- Low Income Household Water Assistance Program where residential customers with delinquent accounts can get payment assistance
- The awarding of four engineering contracts to commence a study to replace pipe in six retail areas including Clifton stand-alone zones, Clifton/Passaic integrated zones, Paterson/Prospect Park and North Arlington/Lodi areas
- The Nosenzo Pond Treatment facility to remove PFOS from the water
- The preliminary site work that was done at New Street Reservoir in preparation for the closing of the open reservoirs.

What do his employees and others think of Jim? Employees at PVWC offices are saying, “he’s a breath of fresh air,” “I love the direction he’s taking the company” and “the clarity he is providing is sorely needed.”

PSI Process Announces Acquisition of TC Tech LLC

PSI Process is pleased to announce the acquisition of TC Tech LLC as of January 2023. TC Tech is a key addition in PSI Process' ongoing growth initiative and brings several key treatment manufacturers, including Ovivo, Pall, and Chart, to the PSI Process line card. Additionally, the acquisition further expands the geographical territory and increases the size of the sales team for PSI Process.

Bryce Parkhurst, president of PSI Process, noted, “By combining the existing water treatment lines, controls system integration and repair service capabilities of PSI Process with the extensive knowledge of specialty treatment solutions and expanded territory of TC Tech, we’ll be able to better serve our existing and future customers with complete turnkey treatment solutions.”

Tom Carmody, founder and president of TC Tech LLC, added, “We’re very excited to be a part of the PSI Process team. Integration of our advanced treatment solutions, with their service and process controls capability, will be a benefit to our customers and principles. Our sales team will blend seamlessly into the PSI solutions-oriented approach. We look forward to working on the PSI team to provide world-class integrated treatment systems that solve our customers problems as they continue to evolve in the future.”

TC Tech was founded by Tom Carmody in 2001 to serve as a specialized manufacturers rep firm serving the industrial and municipal water and wastewater markets with best-in-class advanced treatment technologies.

TC Tech's geographical focus is the mid-Atlantic region from Maryland through New England covering the states of Delaware, Maryland, Eastern Pa, New York, New Jersey and New England.

PSI Process, a 100% employee-owned company formed in 1970, is a leading sales and service organization serving the municipal, industrial, construction, commercial and utility markets in New Jersey, New York and surrounding areas.

Learn more about PSI Process treatment solutions, repair services, and integration capabilities at www.psiprocess.com.

Go Kart Racing & Axe Throwing to Benefit Water For People

Join us at Speed Raceway in Horsham, PA on April 27, 2023 for an evening of go kart racing, axe throwing, food, and raffles while supporting Water For People.

The fun starts at 5:00 pm with an hour of racing followed by food and drinks. The night will end with axe throwing from 6:45-7:45 PM. Ticket packages are available for individual events or the entire event. Please contact Nickole Petrozelli (NMUva@StoneHillContracting.com) for more information or to reserve a spot. Sponsorship opportunities are available!



Water For People Night at Citizens Bank Park

It's going to be another great year for the Fightin' Phils! Join us on Friday, August 25, 2023 as the Phillies take on the St. Louis Cardinals at 7:05 PM at Citizens Bank Park. The fun will begin with a tailgate party in the parking lot. Tickets are in section 203 (right field).

Bryce Harper should be healed and back in the line up and with all the deals the Phillies made over the winter it should prove to be another World Series season. So, you won't want to miss this event.



Sponsorship opportunities available! Contact Nickole Petrozelli for ticket or sponsorship information at NMUva@StoneHillContracting.com.

Water For People Expands to Tanzania

In late 2022, Water For People launched Water For People Tanzania, the first new country program in ten years and the fourth in Africa. Program expansions like this are critical for reaching the organization's 2030 goals of bringing clean water and sanitation to 200 million people. These goals support U.N. Sustainable Development Goal 6 which ensures the availability and sustainable management of water and sanitation for all.

The opening of the Tanzania program office in Dodoma will initially support regionwide WASH planning capacity with a special focus on the Mpwapwa district. Mpwapwa, one of the seven districts of Dodoma region, has a population of 375,523.

Upcoming Water For People Events

April 27, 2023—Go Kart Racing & Axe Throwing, Speed Raceway, Horsham, PA. For more information, please contact Nickole Petrozelli at NMUva@StoneHillContracting.com

May 9-11, 2023—PA AWWA Conference Water For People Silent Auction, Kalahari Resort & Conference Center, Pocono Manor, PA. To donate an item, please contact Nickole Petrozelli at NMUva@StoneHillContracting.com

July 29, 2023—Water For People Night at PNC Park, Pittsburgh Pirates vs. Philadelphia Phillies. For more information or to obtain tickets, please contact Rachael Beam at Rachael.Beam@amwater.com

August 25, 2023—Water For People Night at Citizens Bank Park, Philadelphia Phillies vs. St. Louis Cardinals. For more information or to obtain tickets, please contact Nickole Petrozelli at NMUva@StoneHillContracting.com

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



"Committed to Excellence"

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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