



The Clarifier

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Covid-19 Impacts Stone Hill Contracting “Month of Giving” Plans

Inside this issue:

Every year, Stone Hill Contracting designates the month of November as their “Month of Giving.” Due to the pandemic, they have had to get a little creative on how their traditional events can be adapted to meet current regulations and keep people safe while still being able to help those in need.

Unfortunately, it will not be possible to hold the Annual Water For People Gala this year. The pandemic has forced the cancellation of most of the fundraising events supporting Water For People that the Pennsylvania Committee had scheduled this year so they’ve taken a huge financial hit but the need for clean water and sanitation facilities in the developing world have not changed. If you or your company have normally been a supporter of Water For People through attending or sponsoring the committee events, would you consider making a one-time donation to support the cause? Checks (payable to PA AWWA, WFP in memo section) can be mailed to Nickole Uva, Stone Hill Contracting, P.O. Box 1370, Doylestown, PA 18901. Donations by credit card can also be made by contacting Nickole (215.340.1840.) Many thanks in advance for your consideration!

Stone Hill is moving forward with the Operation Christmas Child program through Samaritans Purse (www.samaritanspurse.org). While there isn't a safe way to hold the annual shoe box packing party this year, Stone Hill will be collecting items to put in the boxes as well as monetary donations to cover shipping (\$9/shoe box) and then the actual packing will be done by employees and their families. The goal again this year is to pack 300+ shoe boxes for needy children. Please contact either Steve DeAngelo or Nickole Uva (215.340.1840) for a list of what items are still needed. Items can be dropped off or direct shipped to the office of Stone Hill. If you can help, please make sure items arrive by November 1st.

Again this year, locally, Stone Hill will be helping the Bucks County Opportunity Council fulfill the needs of their clients. They will be accepting donations of baby wipes, adult winter coats, gloves, scarves, hats, socks, hand warmers, small tissue packs and cases of individual bottles of water at their offices until November 1st. All items will be hand delivered to the Council at their Doylestown office.

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Special points of interest:

- Stone Hill Awarded \$2M Project for MUA
- November Month of Giving

Stone Hill Kicks Off Project for Monmouth County

As the Clarifier goes to press, Stone Hill was mobilizing to begin work on a new \$2.8 million project at the Monmouth County Reclamation Center in Tinton Falls, NJ. The procurement process for the modifications to the leachate pre-treatment plant project, was a two stage process with the first step being that of a pre-qualification followed quickly by a formal bid proposal. The project entails the construction of two (2) new anoxic tanks which are added to the existing tanks on site, including pile foundations, with concrete pile cap. The process equipment will then be installed, including a jet mix system, anoxic feed pumps, internal recycle pumps, as well as some chemical feed equipment. In addition, there is electrical and control items that will be included.

The project will feature a number of familiar vendors including Mid-Atlantic Storage Systems, Envirolutions, Pyrz Water, Mass Transfer (although it has been a number of years) and LRM, Inc. Electrical work for the project will be handled by Beach Electric. Stone Hill looks to complete the project in late December 2020 or early January 2021.



Stone Hill Awarded Landfill Gas Project for Middlesex County

Stone Hill was recently awarded a \$2 million project for the Middlesex County Utilities Authority at their landfill in East Brunswick, NJ.

The project consists primarily of the installation of landfill gas collection and control system components within Area 5 and Cell 8 at the projected interim grades. The work includes, but is not limited to, the installation and interconnection of landfill gas collection pipes, compressed air line, and force main piping, valves, wellhead assembly installation, vertical well permitting and installation, down well pneumatic pump installations, and all associated trenching and backfilling.

The work looks to get underway in earnest in mid-September and be completed in December of 2020. Stone Hill welcomes the opportunity to work with Middlesex County, Purenergy Operating Services, and Cornerstone Engineering on this project.

NJDWSC Filter Building Ventilation Project

Stone Hill Contracting has been awarded another project at the North Jersey District Water Supply Commission. They are currently in the submittal and procurement phase and hope to move into the construction phase in early fall. The scope consists of adding HVAC units, ductwork, and necessary electrical systems to their existing filter building to improve the air quality and help with metal corrosion inside the building. Since this is a drinking water facility, protecting the filters from contamination during the construction processes will be of the utmost importance. Once construction begins, the first items are to install the scaffolding over the filters and to install the protection system to prevent contamination of the filters.



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

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NJDWSC Lagoon Decant Project

Work continues at the NJDWSC lagoon decant project. Modifications to the existing RTF building are wrapping up and system start up is well underway. Over the course of the first two weeks in August, the main plant processes are beginning, and Stone Hill anticipates sludge treatment to be the end of the second week.



Future work consists of the installation and start up of the three Dissolved Air Flotation systems and the rehabilitation of the Decant tower. By the time this reaches press, the first two DAF systems should be onsite and being installed.

The supplemental treatment building will consist of two eight foot diameter by twenty-three foot high DAF tanks with ancillary equipment inside an existing 20' W x 40' L x 25' high building. Once the tanks are in place, Stone Hill can then install the structural steel and access platform as well as the feed pumps, recycle pumps, Air dissolving tubes, collection tank, and piping.

Community Refuse Service Project

After a brief Covid-19 shutdown, the project is back in full swing. Stone Hill Contracting's electrical subcontractor, Control Systems 21, has installed the new VFD conduits and controls needed to power the two new blowers provided by Excelsior Blower Systems. Installing the new 52' long walkway proceeded shortly afterwards allowing Control 21 to set the various probes needed to confirm the treated effluent meets DEP requirements.

The last major item left on the schedule is the placing of 360 super sacks of media which should be complete by press time.



City of Philadelphia—SE WPCP

With tank ten completed and on line by the middle of June Stone Hill Contracting demolition subcontractor, Athena Contracting continued leading the charge removing the existing mechanical equipment in tank nine. Once finished, Stone Hill Contracting painting subcontractor, Fine Painting started with the wall preparation. This process involved the utilization of two water "blasters" one unit rated at 25,000 PSI and the second unit rated at nearly 40,000 PSI.

Once done with the wall preparation, Fine Painting then started with the three part process of applying Sauereisen patented tank lining system. The first part being a primer followed by a cementitious layer and then followed with Sauereisen trademarked epoxy 210 sewer guard.

Upon completion of the tank lining system at tank nine, Stone Hill Contracting proceeded with the installation of the new Brentwood Industries collection equipment consisting of over 400 anchor bolts, 64 stub shafts, 3,200 LF of wear strips, 1,600 LF of guide rails and 168 collection flights.

With tank nine turned over at press time to the Philadelphia Water Department, the month of August will bring the completion of tank twelve and an anticipated substantial completion by September of this year.



Passaic Valley Water Commission Project

Work on the PVWC Little Falls WTP Project has been progressing this summer. Construction of the new generator building is progressing, and site work is progressing as well. Furia Roofing has been working on installing the standing seam metal roof panels on the Generator Building. Stone Hill Contracting is currently working on ductbank at the plants existing switchgear yard, excavating and installing RCP Drainage piping, and installing precast and cast in place copings for the MSE Retaining Wall. Stone Hill will also be installing the overhead aluminum canopies on the Generator Building. Hays Sheet Metal has been working on the exhaust ductwork for the four emergency generators in the Generator Building. MBE Mark III Electric has been working on conduits and wiring at the Fuel Storage Containment Area, the new Generator Building, and the existing Switchgear Yard. Scott Testing has been on site for testing and termination of underground feeder cables.

Looking ahead to late Summer/early Fall, Stone Hill will be continuing the site work with asphalt paving, concrete pavement, sidewalks, and curbing. They will be working on getting the site graded and disturbed areas will receive topsoil and seeding. Fencing and access gates will be installed in the new switchgear yard, as well as a gravel access road to the switchgear yard. Startup and testing of the new emergency generators and switchgears is also scheduled to take place this fall.



Borough of Ramsey Arsenic Removal Projects

Stone Hill Contracting has been steadily progressing towards completion of the arsenic treatment 'water pod' facilities for the Borough of Ramsey, NJ. The two projects are comprised of a total of eight different site locations. The work, which consists of demolition, concrete foundations, structural steel supports, yard piping, electric service, and several other site improvements are in various stages at each site location.

The Arrow Road location, with its accompanying well sites, and the Martis Avenue water pod startups have been completed. The equipment contained at these two sites is now up and running. Final site work restoration including topsoil, seed, and fencing work are to be completed by September. Start-up for the East Oak water pod is currently underway, and it is anticipated the East Oak well will be online by press time. The North Central location's water pod has been set on the structural steel platform and yard piping, electrical hookups, and SCADA antenna installation are currently underway. The concrete footing and columns at the Spring and Orchard sites have been poured. These two sites are in the process of having the structural steel delivered and installed for which the new water pods to be placed and set up.



Considering the shutdowns and restrictions placed on many counties by the Covid-19 virus, the work has moved along quite nicely. Minimal delays have been endured, sub-contractor work has been consistent, and the Ramsey project is progressing smoothly through its second half of completion.

Western Monmouth Utilities Authority Project

After DN tanks completed the construction of the 2 million gallon equalization tank, Stone Hill was able to successfully fill and test the tank for leakage. Once the test passed, A.B. Kurre began backfilling and compacting around the tank. They also completed the milling of the existing roadway, and the final grading of the site. Once the backfill was complete, Stone Hill finished installing the flushing system, remaining yard pipe and hydrants, new platform over the equalization tank, and all the miscellaneous instrumentation.

Jem Paving completed the new sidewalk around the tank and the new asphalt paving. Travis Electric is wrapping up the electrical work. The only thing left to do is final seeding and start-ups.



EPA Awards \$33.9 Million to Pennsylvania for Drinking Water Improvement Projects

The U.S. Environmental Protection Agency has announced it has awarded \$33.9 million to Pennsylvania for drinking water improvement projects throughout the state.

This grant, along with \$6.8 million in state matching funds, further capitalizes on Pennsylvania's Drinking Water State Revolving Fund (DWSRF) Program that provides low interest loans to communities for drinking water projects.

"EPA's continued commitment to supporting infrastructure projects with our state and local partners helps ensure residents have affordable access to safe drinking water and cleaner waterways," said EPA Mid-Atlantic Regional Administrator Cosmo Servidio. "EPA is proud to support projects throughout Pennsylvania that support public health by improving drinking water."

The grant money will be combined with repayments from prior loans and interest earnings to provide direct funding to communities. One project included additional funding to the Pittsburgh Water and Sewer Authority to support replacement of 2,800 public lead service line connections, which includes an estimated 2,400 private lead service lines. Overall, seven miles of lead service pipe will be replaced.

For more information about Pennsylvania's State Revolving Fund program, visit:

<https://www.dep.pa.gov/Business/Water/CleanWater/InfrastructureFinance/Pages/default.aspx>

Industry News

Waste Management Named to 100 Best Corporate Citizens of 2020 Company

3BL Media named Waste Management to its annual 100 Best Corporate Citizens ranking, recognizing outstanding environmental, social and governance (ESG) transparency and performance among the 1,000 largest U.S. public companies. This is the sixth consecutive year Waste Management has been included.

"It is the care and dedication by our 45,000 team members that has earned us this prestigious recognition once more," said Jim Fish, president and CEO of Waste Management. "Together, driven by our purpose to create a more sustainable tomorrow, we stand by our commitment to be a good corporate citizen for our customers, employees and the communities we call home."

The 100 Best Corporate Citizens ranking is based on 141 ESG transparency and performance factors in eight pillars: climate change, employee relations, environment, finance, governance, human rights, stakeholders and society, and ESG performance.

Using a methodology developed by 3BL Media, all Russell 1000 Index companies are researched by ISS ESG, the responsible investment research arm of Institutional Shareholder Services. There is no fee for companies to be included in 100 Best Corporate Citizens.

To compile the ranking, corporate data and information is obtained from publicly available sources only, rather than questionnaires or company submissions. Companies have the option to verify data collected for the ranking at no cost. Data and information used in the 2020 edition of the 100 Best Corporate Citizens ranking is from March 6, 2019 to March 13, 2020.

"Achieving the transformational targets in the Paris Agreement and UN Sustainable Development Goals in this decade means we need all companies to embed ESG issues into their business," said Dave Armon, CEO of 3BL Media. "The best corporate citizens of 2020 are leaders, demonstrating how transparency, ambitious goals, robust strategies and accounting for all stakeholders builds business and social value."

For access to the complete 100 Best Corporate Citizens of 2020 ranking and methodology visit: <https://100best.3blmedia.com/>.

ABOUT WASTE MANAGEMENT

Waste Management, based in Houston, Texas, is the leading provider of comprehensive waste management environmental services in North America. Through its subsidiaries, the Company provides collection, transfer, disposal services, and recycling and resource recovery. It is also a leading developer, operator and owner of landfill gas-to-energy facilities in the United States. The Company's customers include residential, commercial, industrial, and municipal customers throughout North America.

EPA Awards \$7.78 Million to Delaware for Water Quality

The U.S. Environmental Protection Agency today announced it has awarded \$7.78 million to Delaware for water quality improvement projects to address wastewater treatment and stormwater runoff.

This grant, along with \$1.56 million in state matching funds, further capitalizes on Delaware's Clean Water State Revolving Fund (CWSRF) Program that provides low interest loans for the construction of wastewater treatment facilities, non-point source and estuary projects, and other water quality management activities.

"The revolving fund program is essential to providing all Americans the clean and safe water they deserve," said EPA Mid-Atlantic Regional Administrator Cosmo Servidio. "EPA is proud to support projects that will improve wastewater treatment and stormwater runoff throughout the state to help protect Delaware's water resources and improve public health."

The grant money will be combined with repayments from prior loans and interest earnings to provide direct funding to communities. Projects supported by the CWSRF this year include sewer system and interceptor rehabilitation, biosolids capacity expansion, and septic tank elimination.

For a list of priority projects targeted for funding in Delaware, visit: <https://dnrec.alpha.delaware.gov/environmental-finance/revolving-fund/>

The York Water Company Acquires Felton Borough Wastewater System

JT Hand, President & CEO of The York Water Company, announced that York Water acquired the Felton Borough wastewater system amidst the COVID-19 public health crisis. While COVID-19 has forced businesses all over the country to close their doors, as a life-sustaining business and in full compliance with Governor Wolf's orders, York Water completed the acquisition of the Felton Borough wastewater system remotely. President Hand acknowledged the superb collaboration amongst York Water and Felton Borough officials during this unique settlement process.

"We are so pleased to add the Borough of Felton as the 49th municipality in York and Adams Counties served by York Water. Conducting settlement during the COVID-19 public health crisis would not have been possible without the collaborative efforts between York Water and Felton Borough officials. By pursuing this sale through a traditional book value negotiation and not an Act 12, Fair Market Value approach, Felton Borough could fiscally and responsibly close their publicly operated treatment works responsibilities without shifting the burden of increased wastewater rates to their residents and York Water's future customers. We look forward to serving our newest wastewater customers and meeting our neighbors face to face when the opportunity allows."

This acquisition and settlement took place remotely during the stay-at-home order issued by Governor Wolf. Stock and Leader, LLP, was integral in the collaboration and ultimate consummation of this acquisition. Ronald L. Hershner, Esquire, was the main point of contact during the acquisition process.

"When JT called, I readily agreed and promised to get the deal to closing by April 9, but frankly had no idea whether it could be done. A new governmental order, directive, or guideline was coming down every day. Our entire firm had transitioned entirely to remote operations on March 17. We often work from home, but now everything needed to happen from our kitchen tables or dens. Offices such as the Recorder of Deeds and Tax Assessment were closed to the public. We were still figuring out how to do business in the stay-at-home world. But with great cooperation from Felton Borough officials and their solicitor, Stock and Leader was able to guide York Water to complete the acquisition of the system on time, clearing the way for York Water to assume operation of the Felton system."

Felton Borough Secretary/Treasurer Joy Flinchbaugh acknowledged the collaborative relationship between the Borough and York Water. "Seven days after receiving approval from the PUC we went through a successful, remote settlement. One week later and York Water initiated wastewater support to our residents. I was both surprised and pleased with how quickly we were able to move this forward once we had approval from the Commission. We have a great relationship with York Water, and we are confident that our residents' wastewater needs are now in York Water's capable hands." York Water now provides wastewater collection and treatment services in six municipalities in York County.

New Jersey Publishes Formal Stringent Drinking Water Standard for PFOA and PFOS

The NJ Department of Environmental Protection recently officially published its adoption of stringent, health-based drinking water standards for perfluorooctanoic acid (PFOA) and perfluorooctane sulfonic acid (PFOS), chemicals that are extremely persistent in the environment and have been linked to various health problems in people. Under rules published in the New Jersey Register, the DEP formally established maximum contaminant levels, or MCLs, of 14 parts per trillion for PFOA and 13 parts per trillion for PFOS. The rules also add these chemicals to the state's list of hazardous substances and sets these levels as formal groundwater quality standards for the purposes of site remediation activities and regulated discharges to groundwater.

"Safe drinking water is a top priority for the Murphy Administration," said Commissioner Catherine R. McCabe. "With the adoption of these standards, New Jersey continues to lead the nation in protecting public health and the environment from these chemicals, which have been detected at varying levels across the state. New Jersey's water systems have worked voluntarily and productively with us over the years, taking steps to protect the public when these chemicals have been detected. By adopting formal standards, we are putting in place a clear regulatory framework that will ensure consistency in monitoring, public notification and treatment across the state."

The adopted standards are based, in part, on recommendations made by the New Jersey Drinking Water Quality Institute, an advisory panel comprising a broad range of water quality experts that reviewed numerous health studies and other data to support the stringent levels. Treatment technologies exist and are already in use by many water systems in New Jersey to effectively remove these chemicals from drinking water.

"I am pleased that the New Jersey Drinking Water Quality Institute was able to work with all of our partners to make these recommendations that are now being adopted by the DEP," said the Institute's chairman, Dr. Keith Cooper, a professor of biochemistry and microbiology with Rutgers University. "These MCLs represent a tremendous amount of work and demonstrate the commitment of scientists, business leaders and regulators to protecting our drinking water and ensuring the public health of our residents." All public water systems must begin monitoring for PFOA and PFOS within the first quarter of 2021.

October is Breast Cancer Awareness Month and Pine2Pink Needs Your Support

The mission of The Pine2Pink Foundation is to inspire people and businesses to donate money to support local breast cancer patients. The proceeds of the 2019 Pine2Pink campaign totaled \$90,000. Funds benefit local cancer patients in multiple ways including treatment transportation, out-of-pocket medical expenses and integrated services including yoga, reiki, massage and counseling. They were also able to purchase 12 new state-of-the-art infusion chairs for Doylestown Cancer Institute.

They are always looking to expand their sponsor list and you can become one by visiting their website (www.pine2pink.org). Sponsors already committed are J.R. Maxwell Builders, Thompson Organization, Windmill Day School & Camp, Minford Foundation, LSL Brands, Covenant Bank/C&N Bank, Shoher & Rock, Prestige Institute, UPS, Stone Hill Contracting, Poolside Services, Allied Mortgage Group, McCaffery's Food Markets, Barre3 Doylestown, Evolution Candy, Sun Dog Yoga, Doylestown Float Studios, Keller Williams Luxury International, Waxing the City, Moss Mill Brewing Company, The Tea Can Company, Beauty Marx Spa, and Peddler's Village.



In these strange Covid-19 times, Pine2Pink finds themselves having to alter their October fundraising plans and founder, Keith Fenimore, has been busy working hard behind the scenes to do just that!

In addition to Doylestown, Carversville, New Hope and Peddler's Village, they are excited to announce they are expanding to Perkasee in 2020!

They have worked with the Tea Can Company to develop four Pine2Pink Teas which will be available for purchase online at www.teacancompany.com. Varieties include Pinklicious Hibiscus (hibiscus floral tea), Triumph! (pine, apple, turmeric green tea), Josephine (Asian cherry blossom) and Locals Help Locals (vanilla chai black tea).

They have also partnered with Moss Mill Brewing Company to develop a Pine2Pink craft beer. It will be available on tap at local bars and restaurants and also in cans for purchase at local distributors in September.

October events will kick off with the Virtual Yoga & Fitness Fest scheduled for October 3-4. It will be a full weekend of yoga and fitness with multiple studios, trainers and experts from all over Bucks County teaching. Donation based virtual class participation with all money benefiting Pine2Pink. Last year nearly \$5,000 was raised, let's top that this year! Pine2Pink is also in the planning stages for some other virtual events and another big event with their sponsor Thompson.

So how can you help? Visit their website and make a donation or become a sponsor or partner. Follow them on social media to keep up to date on virtual fund raising events and share them with friends, family and colleagues. Patronize all the businesses in Doylestown, Carversville, New Hope, Peddler's Village and Perkaise that support Pine2Pink. Together, we can help make the lives of our local breast cancer patients just a little bit better. Thank you!



Upcoming Water For People Events

All Water For People events are cancelled for the remainder of 2020.

Keep up-to-date by following our Facebook page www.facebook.com/WaterForPeoplePA/

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

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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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*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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