



The Clarifier

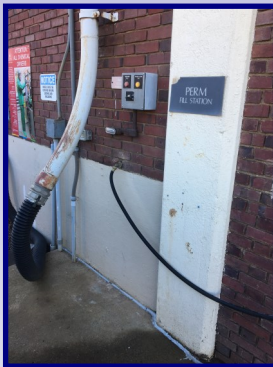
VOLUME TWENTY, ISSUE TWO

DOYLESTOWN, PA

MARCH 2024

Stone Hill Team Awarded Design Build Potassium Permanganate Project

Inside this issue:



Stone Hill Contracting, along with their partners Suburban Consulting Engineers and R Spark Electric are happy to report that their team was recently awarded a design build project for New Jersey American Water for the rehabilitation of their Potassium Permanganate system at the Raritan Millstone Plant in Bridgewater, NJ.

The project involves the rehabilitation of the existing Potassium Permanganate system, as well as, the installation of a Sodium Permanganate back-up type system. Design work is underway, and regulatory permits look to be on schedule for mid-March, with work on site anticipated to commence in mid-summer of 2024 with overall project completion later in 2024.

This project will be performed concurrently with the DB HVAC project that Stone Hill is currently working on with Gannett Fleming Engineers.

PVSC, Camden County MUA, NJDWSC Basins 1-4	2
PAAW Norristown, Wanaque South Pump Station Queen Lane WTP	3
Baxter WTP, Havertown GWTP, Raritan Millstone	4
Industry News	5-6
Charity News	7

Stone Hill Contracting Co. Continues to Support Various Organizations

Stone Hill Contracting is very proud of the company they keep, and that is made obvious by their anticipated participation in a number of upcoming conferences, both regionally and nationally. Some of the conferences that Stone Hill will be supporting, include:

AWWA NJ Annual Conference 2024 – March 19-22, 2024 at Borgata Hotel Casino and Spa, Atlantic City, NJ – Stone Hill is both a sponsor and an exhibitor and will also take part in the proceedings presenting on Design Build at a session on Wednesday morning.

DBIA Water / Wastewater Conference – April 14-17, 2024 at Duke Energy Convention Center in Cincinnati, OH – Stone Hill will have a number of employees in attendance and is an exhibitor at this national Design Build event. Stone Hill’s Bob McIntyre also has served on the planning committee for this event for many years.

NJWEA John J. Lagrosa Annual Conference and Exposition 2024 – May 6-10, 2024 at Harrah’s Resort, Atlantic City – Stone Hill will have employees in attendance and will be offering a presentation on Design Build construction.

PA AWWA / DBIA Liberty Annual Conference – May 13-15, 2024, at Lancaster Marriott at Penn Square, Lancaster, PA – Stone Hill will have numerous employees in attendance, will be an exhibitor and will be presenting throughout the conference.

AWWA ACE 24 – June 10-13, 2024, at Anaheim Convention Center, Anaheim, CA – Stone Hill will be taking part in a panel discussion about Design Build on Monday afternoon. AWWA Ace is the National Water Conference for the American Water Works Association.

PWEA Penntech 24 – June 16-19, 2024 at Penn Stater Hotel & Conference Center, State College, PA – Stone Hill plans to take part in this conference.

DBIA Liberty Region 2nd Annual Conference and Expo – September 24 & 25, 2024 at Doubletree Newark Airport. Stone Hill is a sponsor, exhibitor, and will be taking part in the technical sessions.

Special points of interest:

- Upcoming Conference Schedule
- Stone Hill Awarded New Design Build Project

PVSC Decant Facility

Stone Hill Contracting has now completed about 90% of the demolition and replacement of the odor control system. That entailed demolition and replacing the existing 42" FRP north header, 500LF of 24" FRP to the filter press building, new 24" branches off the 42" north header to each tank, and complete removal of the 42" south header. The only work left is the new FRP on top of each tank that will be completed when they rehab each tank and a couple temporary couplings that were installed to put the system back online.

Tank 4 work is underway. PVSC turned the tank over to Stone Hill in late-November. Franc Environmental came in and cleaned and deodorized the tank, followed by CM Ashland who removed the cover and existing mechanical equipment. After demolition, Stone Hill installed the new mechanical equipment, center column, center cage, rake arms, drive, and king post. Followed by Safety Scaffolding Co, who set scaffolding up around the interior of the tank walls. Zack Painting Company is currently prepping the walls for the new epoxy liner system.



McPhee Electric has been working on the completion of Substation 16. They have completed one of the two tie-ins that will provide power to Substation 16. Third party testing and check out from Eaton (Manufacturer) have been completed. McPhee is waiting on some final parameters that need to be programmed before they can do the final tie-in and power substation 16. Once powered, they will be able to start powering up new equipment and transferring the loads from the existing equipment.

Camden County Municipal Utilities Authority Preliminary Treatment Upgrades

Submittals and engineering approvals for this project are underway. Major work for this project consists of the replacement of three existing bar screens and three existing grit classifiers and associated piping. The new bars screens are being provided by Hydro-Dyne Engineering, Inc. and the classifiers are being supplied by JDV Equipment Corporation.



Other improvements for the project will also be completed by Travis Electric, Emerson Process Management, Hays Sheet Metal, Cooper Plumbing, Fine Painting, and PMWI.

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

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

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

Work continues at NJDWSC. Demolition processes are nearly completed in clarifier basin 4. Stone Hill has finished demolition of the existing cable vac sludge removal system, settling basins baffle walls, mix basin baffle walls, flocculator system, and nearly all piping systems in basin 4. Next up is the concrete installations of equipment pads, walls, and beams followed closely by mechanical installations of the new flocculators, sludge collectors, and baffle walls.

Zack Painting is handling the crack injection and concrete repair portion of the project and has been diligently working to complete crack injection of approximately 1600 linear feet of cracks in settling basin 4.

MBE Mark III Electric continues with the electrical side of the project. They are attentively completing the installation of conduits and pulling wires to stay ahead of the mechanical installations.



By the time this reaches print, Stone Hill hopes to be well underway with the mechanical installations for basin 4.

Norristown WTP Filter Project

Stone Hill Contracting continues work at the Pennsylvania American Water Company Norristown plant upgrading the 7-filter basins.

Since the last issue, they have finished basin #6 and are 80% complete on basin #3. In basin #3, they ran into the issue of one wall being against a dry side and needed to complete crack injection and Tnemec application by Zack Painting. Stone Hill is at a point in work where Water Service Professionals need to install the filter media and aeration system. Following the media install, PAWC will run the required testing. Once it meets their approval, Stone Hill can then move on to the final Basin #2 and repeat the whole process again.

Prior to starting on basin #2 the 24" filter drain valve will have to be replaced along with installing a new 2.5" ball valve in the invert of the drain line. The time frame between basin repairs is two to three weeks pending the water testing on the completed basin. This will set up the work on basin #2 around press time and then being complete by the end of March.



During the workflow Mott McDonald and Roberts Filter continue their work on various required inspections. The project completion is now in sight. A special thanks to PAWC for their continued assistance and help during this project.

NJDWSC Wanaque South Pump Station HVAC Project

Stone Hill Contracting is working hard in an effort to commence on-site work at the Wanaque South Pump Station in Wayne, New Jersey. This project involves the replacement of the majority of the heating and ventilation equipment in the building, as well as, some electrical upgrades.

Stone Hill had worked previously at this site to upgrade the main pumps and electrical drives, under a design build contract. Submittals are well underway and the bulk of the new equipment is in production. It is hoped that the work onsite will move forward in the April – May time frame, and that the project will be completed by the end of 2024.

Stone Hill is happy to be partnering with many familiar faces on this project, including Hays Sheet Metal, Cooper Plumbing and Mechanical, Travis Electric and North Jersey District Water Supply Commission, the owner.



Queen Lane WTP Air Scour Project

Jack Pears Associates is currently onsite completing the stage I piping demolition removals to make way for blower room improvements. Stage I demolition consists of the removal of 30" and 36" piping as well as removal of pump motors, support steel, and floor plates. Philips Brothers Electric will also be completing some miscellaneous demolition in the pump room, and preparing conduit runs for the blower installation.

Stone Hill will soon be completing the concrete floor infills and installation of a new concrete house-keeping pad for the three blowers. Many deliveries have been received for the Air Scour System being supplied by Roberts Filter Group. Deliveries of new motor operated and manual valves for the project supplied by Labe Sales, have also been received onsite. The Excelsior Blowers, also supplied by Labe Sales, are anticipated to be delivered to site by press time. Felker Fabrication is currently working on stainless steel supply piping releases with first deliveries anticipated near press time.

Stone Hill will then begin installation of the blowers and piping within the blower room.



Baxter Water Treatment Plant

Stone Hill has mounted the new chlorine analyzers and sample pumps in the post-treatment building. Philips Brothers has installed the sample pump control panel and mounted the controllers for the chlorine analyzers. Sample piping installation will follow as design revisions are being completed.

Jack Pears Associates has completed demolition of the existing supplied chlorine lines at the pre-treatment building. Stone Hill has begun installation of the new supplied chlorine piping. New valve installations for the supplied lines will be completed by press time. The yard hydrant and shower unit at the ferric area have been installed. Shower supply piping, heat tracing, and insulation will be completed in the coming weeks.

Stone Hill has completed the replacement of the south chlorine header within the chlorine room. The upcoming phases of work for the chlorine room will be completed in coordination with PWD as design revisions are finalized.



Havertown GWTP Project

The Havertown GWTP project is underway, and Stone Hill is signing contracts and processing submittals. As of right now, the hope is that Stone Hill can get on site by press time to start on the foundation concrete, and to have the PEMB structure erected and dried in by middle of November 2024.

After the structure is dried in, Stone Hill will complete the fit out and have a complete system ready for the owner by September of 2025.



Raritan-Millstone Design Build HVAC Project

As the clarifier goes to press, the Stone Hill team is preparing to mobilize to site and commence work. Some of the early portions of work will be reroofing the headhouse, the replacement of windows in the filter building, and the ongoing HVAC, plumbing and electrical work.

The majority of design, permitting and submittal work is behind us and as such, many thanks should go to Stone Hill's design partner, Gannett Fleming, as well as, to the team from American Water who have worked closely with Gannett Fleming and Stone Hill to get to this point.

Deliveries are beginning to arrive with HVAC equipment from Trane and Boiler from Combustion Services & Equipment scheduled for late March/early April. Subcontractors, R Spark Electric, First Goal HVAC, City/Newark Glass, Zack Painting and RS Philips Steel are all set to commence work, and look forward to a strong 2024 with completion planned for December of this year.

Industry News

DBIA Welcomes Diana Lee Tucker as Chief Operating Officer

The Design-Build Institute of America (DBIA) proudly welcomes Diana Lee Tucker, CAE, as its new Chief Operating Officer. With a distinguished career in association management, Tucker brings a wealth of transformative leadership expertise to DBIA, having successfully reshaped organizations through strategic planning, financial management and the cultivation of new roles and programs.

As DBIA propels forward on a trajectory of substantial growth within the AEC industry, Tucker's appointment assumes paramount importance. The COO position at DBIA is instrumental in providing strategic leadership to support organizational growth and increased capacity, requiring a collaborative and communicative leader with a proven track record in influencing organizational-wide decisions. Tucker's background makes her well-suited to the task.

Tucker will oversee key functional areas, including membership, conferences/events, education and certification. Working closely with the CEO, she will develop annual operational plans aligning with DBIA's strategic goals. As a key member of DBIA's executive team, Tucker will collaborate with the CEO, senior staff and the board of directors to advance DBIA's strategy.

Her engagement with external organizations and stakeholders sets a benchmark for the industry, emphasizing that fostering an inclusive environment is both a responsibility and an opportunity for growth and innovation. This commitment aligns seamlessly with DBIA's mission.

"We are thrilled to have Diana join DBIA as our Chief Operating Officer. Her exceptional track record in developing and growing chapters, designing educational programs and spearheading organizational leadership and strategy perfectly positions her to help lead our organization to new heights," said Lisa Washington, CAE, DBIA Executive Director and CEO.

As DBIA's Chief Operating Officer, Tucker brings along years of relevant experience, showcasing her ability to drive positive change and deliver results across various functional areas.

As Vice President for Membership and Chapter Relations at NAIOP, the commercial real estate development association, Tucker managed teams supporting 21,000 members and 53 affiliated chapters, achieving remarkable growth in membership and revenue. She consistently surpassed annual dues revenue goals, showcasing her capacity to align financial strategies with organizational objectives and making her a valuable resource for DBIA's continued financial growth and stability.

Tucker played a pivotal role in the success of NAIOP's flagship events, introducing cutting-edge educational content and leveraging technology for virtual engagement. These outcomes underscore her commitment to enhancing the quality and reach of conferences and educational programming, aligning seamlessly with DBIA's mission to provide valuable educational opportunities and continue ushering design-build toward — and beyond — projections of nearly half of construction spending by 2026.

Her impact extends beyond traditional metrics, reaching into the heart of an association's mission. By spearheading initiatives that fostered a sense of community within NAIOP, she ensured tangible value for members. Demonstrating her commitment to fostering diversity and inclusion, Tucker spearheaded impactful initiatives, including a supplier diversity program that broadened participation and created opportunities for underrepresented businesses. This experience uniquely positions her to bring innovative and community-centric strategies to DBIA, enhancing member satisfaction and engagement.

Tucker's appointment marks a significant milestone for DBIA, strengthening the organization's commitment to excellence, innovation and inclusivity in the AEC industry. Her strategic leadership will play a pivotal role in advancing DBIA's strategic goals and ensuring continued success in a dynamic industry landscape.



New Jersey American Water Hosts Graduation Ceremony for “Water UP!” Training Program

New Jersey American Water recently hosted a graduation ceremony for the third annual Water Utility Pipeline (Water UP!) training program, a paid, 9-week workforce development program for adults in partnership with Rowan College of South Jersey (RCSJ). This year’s cohort of nine adults, mostly from Camden, received hands-on water utility industry and essential classroom-based business training necessary to join the water and wastewater utility industry upon graduation.

“New Jersey American Water is pleased to honor another class of talented Water UP! graduates who are ready to take on a career in the water utility industry,” said Mark McDonough, President, New Jersey American Water. “Investing in our current and future employees is a central part of how we continue to grow and innovate. We thank Rowan College of South Jersey and the Camden County Municipal Utilities Authority for their partnership in this year’s cohort, and we are grateful for the NJ DEP support, which provided grant funding to make this year’s program possible.”



“My DEP colleagues and I congratulate the nine graduates of the Water UP! program who have made the commendable decision to work toward the betterment of their communities,” New Jersey Environmental Commissioner Shawn M. LaTourette said. “In New Jersey, we are working hard every day to improve the quality of life and health of our urban areas and overburdened communities. The Water UP! program builds upon our efforts by providing opportunities to train and place people in green jobs that grow our economy and make a real difference. The DEP is proud to be part of this effort, providing funding through our Building Our Resilient, Inclusive and Diverse Green Economy (BRIDGE) initiative.”

The 2023 Water UP! graduating class features nine adults: four from Camden, and one each from Bellmawr, Evesham Township, Gloucester City, Salem City, and Winslow Township. The participants were selected by New Jersey American Water and Rowan College of South Jersey through an application and interview process. The training was held at Rowan College of South Jersey in Sewell and New Jersey American Water’s new Lawnside Operations Center. Participants received both hands-on field training and classroom-based lessons, such as utility mechanic, field operations, water production, water quality, OSHA 30, customer service, software and procedures, resume writing, job interview skills and more. They also toured New Jersey American Water’s Delaware River Water Treatment Plant in Delran and Camden County Municipal Utilities Authority’s Wastewater Treatment Facility in Camden.

“Our city has been a partner to American Water for many years. With their headquarters in our city, we know how important the contributions of their workforce are to the success of the water industry, as well as the communities they serve,” said Camden Mayor Victor Carstarphen. “We’re very excited that several young adults from Camden graduated from this year’s cohort, representing just some of the many talented individuals who live and work in our city. I look forward to their success and continuing to work alongside New Jersey American Water as the Water UP! Program continues.”

“Education and industry partnerships such as the ‘Water UP!’ training program is exactly how RCSJ wants to work with businesses in the community,” stated Dr. Fred Keating, RCSJ president. “When the industry experts tell us what training is needed for the job, RCSJ can create a successful, innovative educational pathway and our collaborative efforts make a difference in our communities. South Jersey needs more businesses to engage like New Jersey American Water has, to build educational programs that lead to in demand jobs.”

Water UP! connects young adults from traditionally underserved communities in New Jersey American Water’s service areas with transformative career opportunities in the water and wastewater industry. Through a combination of hands-on training and classroom-based learning, participants are uniquely prepared for entry level opportunities within New Jersey American Water, American Water, and its utility industry partners. Participants are also receiving six college technical elective credits from Rowan College of South Jersey upon completion of the program.

First launched in the fall of 2021, the Water UP! program has included cohorts in Camden and Plainfield, N.J. The 2023 Water UP! program is funded by a grant from the New Jersey Governor’s Office of Climate Action, the Green Economy & the New Jersey Department of Environmental Protection’s the Building our Resilient, Inclusive, and Diverse Green Economy (BRIDGE) Initiative.

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 16, 2024 as the Phillies take on the Washington Nationals at 7:05 PM at Citizens Bank Park. The fun will begin with a tailgate party in parking lot M at 5:00 PM. Tickets are in the 200 level in right field.

A fabulous time was had by all 165+ in attendance last year and the event SOLD OUT! So, get your tickets early as 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 Charity Golf Outing Moves to North Hills Country Club

The 17th Annual Water For People Charity Golf Outing will be held at North Hills Country Club in Glenside on October 28, 2024.

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 people in developing countries, receive sustainable clean water and sanitary facilities.

Breakfast begins at 8:30 AM and will be followed by registration at 9:00 AM. Shotgun start is at 10:00 AM and there will be a cocktail reception and lunch served at 3:00 PM. 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, pre-register at www.wfpgolf.com before June 7th 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.



Operation Christmas Child Collection

Items for collection: March—boys socks, April—small stuffed animals, May—flip flops

Upcoming Water For People Events

May 13-15, 2024—Silent Auction, PA AWWA Annual Conference, Lancaster, PA. For more information, please contact Nickole Petrozelli at nmuva@StoneHillContracting.com

July 20, 2024—Night at PNC Park, Pirates vs. Phillies. For more information, please contact Macy Divens at MDivens@EntechEng.com

August 16, 2024—Night at Citizens Bank Park, Phillies vs. Nationals. For more information, please contact Nickole Petrozelli at nmuva@stonehillcontracting.com.

October 28, 2024—17th Annual Water For People Charity Golf Outing, North Hills Country Club, Glenside, PA. For more information, please contact Sandy McIntyre at sales@GraceMediaServicesInc.com or visit www.wfpgolf.com

November 7, 2024—18th Annual PA AWWA Water For People Gala, William Penn Inn, Gwynedd, PA. For more information, please contact Sandy McIntyre at sales@GraceMediaServicesInc.com

Follow us on Facebook..... www.facebook.com/WaterForPeoplePA/

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

Address Service Requested

Stone Hill Contracting



"Committed to Excellence"

**PUBLISHED IN THE
INTERESTS OF
STONE HILL CONTRACTING
CO., INC.**

*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*

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:
www.StoneHillContracting.com**

**Watch for the next issue
of the *Clarifier* coming
in June 2024**