



The Clarifier

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DOYLESTOWN, PA

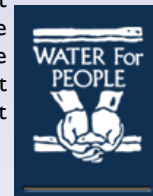
SEPTEMBER 2007

Please Join Us for the Water For People Dinner Dance

Stone Hill Contracting, along with industry and non-industry people, will be holding the 2007 Water For People Dinner Dance at the William Penn Inn (Route 202 and Sumneytown Pike, Gwynedd, PA) on Thursday night, November 1st. The evening will feature an open bar, full dinner, and dancing to the sounds of a Disc Jockey. All proceeds from the event will be donated to Water For People to help them continue to expand their work throughout the world. Stone Hill Contracting has chosen Water For People as their charity of choice because of their connection to the Water Industry. Each November, Stone Hill's employees embark on a mission to raise funds for this worthwhile cause by holding this dinner, and by soliciting employees, friends and vendors to give what they can, as a way of giving thanks during the Thanksgiving season. Last year, over \$6,000.00 was raised, which was used to develop a water system and provide hygiene training for an entire town in Bolivia. The hope of all involved is that it will be possible for even more funds to be raised this year.



If you would like to be a part of this dinner, or if you would like to make a donation to this fundraising campaign, please contact either Amanda Gaumer or Bob McIntyre at the Stone Hill Office, or go to their website at www.StoneHillContracting.com. While at the website, you will be able to register for the dinner, or you can get more information about what Water For People is doing throughout the world.



Inside this issue:

Ocean County, Florham Park, Countrywood Booster Station	2
Asbury Park, Atlantic City, GROWS Landfill	3
GROWS Force Main, GROWS Exelon, ACE'07	4
Water For People News	5
Industry News	6-7

Special points of interest:

- Water For People Dinner
- Project Completion
- Employee Rides Across Country to Support Veterans

John McKee Participates in Run For The Wall XIX

At the end of May, Superintendent John McKee had the privilege of joining several hundred other veterans of the Korean, Vietnam, Desert Storm and current wars raging in Iraq and Afghanistan on a journey across the heartland of America to raise awareness that we still have men and women missing from those conflicts, some of whom may actually still be imprisoned by our enemies. The Ride, which originates in Ontario, California, culminates by joining several hundred thousand other veterans in Washington, DC in what's come to be known as "Rolling Thunder".

This was the 19th running of this "mission" which began with only eight veterans from the West Coast wanting to join their voices with the larger Rolling Thunder organization which was started on the East Coast, and has grown into a highly organized annual ride across the nation by nearly a thousand veterans from all walks of life.

Along the way, stops were made to visit with disabled veterans in VA hospitals, and all were supported by veterans (American Legion and VFW Posts) and motorcycle (ABATE) organizations by providing meals, and sometimes fuel for the motorcycles. The group was "welcomed home" by the small towns where they stayed each night, and it was very heartening for John to be so welcomed by appreciative citizens.

An ancillary benefit to this ride is the healing provided to Vietnam Veterans who were treated so shabbily by an unappreciative society when they returned from what they saw as their duty to their country. The welcome they received from small-town America is a beginning toward healing their emotional wounds. More information can be found about Run For The Wall by visiting the website at www.rftw.org.

Ocean County Project Moving Forward

Slide gate installations continue with more than half of the gates complete and accepted for use. Design changes have been made to some of the gates to better facilitate their installation, and all but seven of the gates are currently on-site with the remainder scheduled for delivery in September.

All three of the Envirodyne Rolling Grit Equipment Units have been installed and are operational. Installation of the 20' deep Precast Aerated Grit Drain Valve Chambers is underway utilizing shoring supplied by Icon and three deep wells installed by South Jersey Well Drilling to control ground water.

The Emergency Generator Building concrete work was completed in July, and the building's structural steel was erected by Thomas Lindstrom & Company. D'Andrea Masonry has mobilized to complete the Hypochlorite masonry and begin work on the Emergency Generator Building which is anticipated to take seven weeks to complete. MBE Mark III Electric's primary focus has been the installation of embedded and sub-slab conduit at the Emergency Generator Building, but they have also installed 1,030 feet of duct bank encompassing more than 4,640 feet conduit.



Structural Steel at the Emergency Generator Building

Shared Systems Technology has completed coatings in Aeration Tank No. 1, and has moved to the Influent Pump Station to begin coatings work in that structure. Major equipment deliveries began in August, and the majority of deliveries will be complete by the end of 2007 with the exception of the new generators which are expected during the first quarter of 2008.

Florham Park Facility Improvements

The Florham Park project is winding down with work over the last three months consisting of the completion of the roofing, painting, site restoration and demobilization of the construction and storage trailers and punch list. Currently, Stone Hill is trying to resolve some SCADA communication issues involving leased Verizon phone lines between the remote pump stations and the main plant and they are hopeful that by the time this article goes to print all will be working as they should.

Stone Hill has also experienced a stubborn vibration issue on one of the dry pit submersible pumps but believe the problem is close to being resolved by stiffening the piping system with the installation of some additional supports.

Stone Hill would like to thank all their steelworkers, vendors and subcontractors who worked with them this project.

Countrywood Booster Station

Since the last newsletter, the new prefabricated booster station has been put into operation with the combined efforts of LOC Pump (local mfg. representative for station mfg. HFE Process), Instrumentation Technology Systems, MBE Mark III Electric Inc, Hatch Mott MacDonald (engineer), Southeast Morris County Municipal Utilities Authority and Stone Hill Contracting.

The new pump station has three VFD controlled pumps that are called into operation based on overall system pressure and water demand. Two of the three old pumps in the existing station will remain and have been integrated into the new control system to serve as reserve pumps. The third existing pump (100 HP) is currently having new mechanical seals installed by LOC Pump and Equipment and will also be placed into reserve service. This pump, however, will only be used in the event large volumes of water are needed such as in the case of a neighborhood house fire.

The new station is the only water supply to more than 300 homes in Cedar Knolls, NJ. Consolidated Steel & Aluminum Fence Co. has completed the site fencing and Guerriero Paving & Sealcoating has completed the paving. The site grading, landscaping and seeding has also been completed.

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Stone Hill Goes to the Beach

Stone Hill has recently entered into a contract with Asbury Partners, LLC to make Air Treatment Improvements at the Asbury Park Water Quality Control Facility in Asbury Park, NJ. The project consists of putting an addition onto the existing building to house new scrubbers that are being supplied by Siemens Water Technologies Corp. There are a total of four Dry Scrubbers and two Wet Scrubbers to be installed.

There is a significant amount of stainless steel duct work to be installed and tied into the existing duct system. Stone Hill is also installing new fans as well as new air handling units. The duct work and installation of the fans and AHU's will be completed by Epic Mechanical Inc.

The project also consists of installing new boilers as well as new piping running to and from the new boilers. This work will be completed by Cooper Plumbing and Mechanical, Inc. The electrical requirements for the project will be completed by MBE Mark III and the control system for the new equipment will be provided by Siemens Water Technologies.



A Job with a View!

Stone Hill received the Notice To Proceed on July 23rd and expects to complete the work by July 2008. The Engineer on this project is T&M Associates.

Atlantic City Back in Full Swing



Fiberglass Collection Troughs for the New Filters

At the ACMUA Water Treatment Plant in Pleasantville, Stone Hill Contracting has completed the first filter with the help of their subcontractors Robert's Filter Group, Carroll Demolition, MBE Mark III and Integrated Systems and Controls.

During the summer months, the work was restricted due to the high demand for water by the beach goers in Atlantic City and surrounding communities.

Stone Hill will be in full gear again in early September to complete the project by the next summer season shutdown.

The work that remains includes the rehabilitation of the five remaining filters and the installation of one vertical turbine pump.

GROWS Landfill Moves Into Second Phase

The second phase of the Ammonia Removal project begins to take shape as the decant pump station and lime silo work progress. The decant liquid will be handled by two 1200 gpm Fairbanks Morse pumps, supplied by JT Seeley and Company. These pumps will eventually transfer the processed leachate to the new transfer station being built under the recent contract awarded to Stone Hill for the Force Main Project.

The new lime silo foundation is complete and awaiting the arrival of the 25 ton lime silo structure supplied by Bulk Conveyor Systems, McKeesport PA. The pre-cast structure for the effluent pump station was fabricated and delivered by AC Miller, Spring City PA.

Also, 250 lf of 18" HDPE piping has been installed. The HDPE pipe was supplied by Lee Supply, Pittsburgh PA, and supported by fiberglass supports made by Fiberglass Products, and managed thru Harrington Industrial Plastics, Willow Grove PA.



The Stone Hill Crew Stabilizes the Precast Structure for a Safe Placement

GROWS Force Main Project Begins

The third phase of the Grows landfill project commences as the new Force Main Project begins. The work entails a new Pump/Blower building, which will transfer the processed leachate 6 miles to the Morrisville Pump Station and supply air to the aeration system which will be installed in the new storage tank. A new Valve Chamber Structure will be erected handling process flows from the existing sewer plant and incoming leachate from the new landfill being built at Grows North. These flows will then go thru the New Grit Removal system and then transferred to their appropriate process destinations.

Work is expected to be completed by June of 2008. The sequence of construction will be completed in two stages with the Pump/Blower Building and Storage Tank being completed in the first phase to allow an increase of leachate processing, and eliminate the need for over the road hauling of processed leachate. Stay tuned to the Clarifier for further updates.



Demolition Begins on the 500,000 gal Storage Tank

Watts Up? Unrestricted Gas Flows and Mega Watts That's What!



New Unrestricted Gas Bypass Lines and Aftercooler Installation

For the past three months, Stone Hill Contracting has worked with SCS Engineers, Waste Management, and Exelon Power to improve gas flows, temperature controls and condensate removal vessels—all due to the ever increasing methane gas in the landfills. Also, larger capacities will need to be handled once the New Grows North landfill is put into service. Electrical and instrumentation requirements were handled by Tangibl Electric. The new system has been online for the last month and is showing excellent increases in flows. Temperatures of the gas, especially thru the hot humid days we have experienced, is being maintained nicely by the newly installed Aftercooler.

Also, due to the unrestricted flows, the main power compressors do not have to work as hard allowing the existing gas flows to be handled by 60% of the available compressors, allowing for increased gas volumes as they become available.

Stone Hill Goes to Toronto

The AWWA (American Water Works Association) ACE '07 Conference was held in Toronto, Canada in June, and Bob McIntyre from Stone Hill was present to take part. The week began with Bob presenting during a session about Risk in the Construction of Large Water Facility Projects. He was joined by Myron Olstein of Black & Veatch, Alan Fortenberry, PE of the Beaver Water District (Arkansas), Robert Beringer, PE of Howard County, MD, and Jim Brennan, PE of MWH Constructors. The presentation was monitored by Doug Brinkman, PE of Black & Veatch. Although a number of the presentations were somewhat repetitive, it was a good look at the topic from the various points of view of the Owner, the Engineer, and the Contractor. In all, about 30 people participated in the session, and based on the discussions that ensued, most, if not all, realized the importance of placing risk where it is best managed is key to having a successful project for all involved.

The remainder of the week Bob spent time with Clients, Engineers, Manufacturers and Manufacturer's Representatives, in an effort to keep on top of industry developments and what new technologies were forthcoming. Each year, new and different approaches are brought forward in this industry and this conference is one of the places where those approaches are first revealed.

The week also included sessions relative to the industry organization, Water For People, including informative sessions, fund raising and a booth where volunteers were available to explain why and what Water For People does. Archie Manning (Father of Peyton and Eli Manning, and a former star of the New Orleans Saints) autographed footballs, which were auctioned off with proceeds going to Water For People.



Roberts Filter Group Booth

Water For People Upcoming Events in the Region

October 5, 2007 – NJ Water for People 2nd Annual Turning Wine into Water Wine Tasting, Soho on George, New Brunswick, NJ. For more information contact Sandy Kutzing at CDM (kutzingsl@cdm.com)

November 1, 2007 – Stone Hill Contracting Co., Inc. Water for People Dinner Dance at William Penn Inn, Route 202 and Sumneytown Pike, Gwynedd, PA . For more information contact Bob McIntyre at Stone Hill Contracting (rkmcintyre@stonehillcontracting.com).

If you would like to know how to get involved with your local Water for People Committee, please contact :

In Southeastern Pennsylvania: Tamika Lyons at Metcalf & Eddy (tamika.lyons@m-e.aecom.com)

In New Jersey: Chris Evans at Black & Veatch (evansca@bv.com)

In other Areas: Judi Kraszewski at Water for People (jkraszewski@waterforpeople.org)



PA Volunteers Receive Award for Service to Water For People

Two Pennsylvania Water Industry Veterans were recently awarded the prestigious “Kenneth J. Miller Founder’s Award”* for their service to “Water For People.” The presentation, which was held on Monday, June 25th, during the AWWA ACE ’07 conference in Toronto, included a presentation from Mr. Kenneth Miller himself to the more than 25 recipients of the award this year. Among the awardees were two Pennsylvania men who have shown their tremendous support over the years to the organization, Mr. R. Lee Roberts, of Roberts Filter Group, and Mr. Chris Evans, of Black & Veatch Engineers.

R. Lee Roberts

AWWA Pennsylvania Section

Lee has been a valued Water For People supporter for many years. He served two four-year terms on Water For People’s Board of Directors while continuing to participate at the local level. He initiated the Workplace Giving Program at Roberts Filter Group and has supported the Ambassador Program to help achieve Water For People’s goals. The Pennsylvania Section’s Water For People Committee would like to thank and acknowledge Lee for his outstanding contributions.

Christopher A. “Chris” Evans

AWWA New Jersey Section

Chris has worked energetically to promote Water For People. This committee is very geographically diverse, but Chris manages to maintain consistent participation in meetings and fundraising activities, wherever they are. In many cases, Chris has taken the lead on events when another volunteer couldn’t be found. He has a fantastic attitude and is super-passionate about the goals of Water For People.

Stone Hill would like to congratulate and give their thanks to these two local winners; as well everyone who has volunteered, contributed, or supported Water For People over the years. It is through the support of these individuals that Water For People has been able to not only make a difference in the lives of many individuals, but also has been able to champion the cause of clean water and sanitation worldwide. Water For People is making a difference, and the staff and management of Stone Hill Contracting Co., Inc. is proud to be a small part of this endeavor.

**The Kenneth J. Miller Founders’ Award was established in 2001 by the Board of Directors of Water For People to honor outstanding volunteer service being contributed to this international humanitarian effort.*

Water For People Announces Expansion

(Toronto, ON)—June 23, 2007—The Water For People Board of Directors announced plans to expand its international development program to five additional countries, which will significantly increase Water For People’s impact in the developing world. The countries targeted for expansion over the next five years are **Ecuador, Nicaragua, Rwanda, Uganda** and the **Dominican Republic**.

These new program locations will strategically complement existing work in Bolivia, Guatemala, Honduras, India, and Malawi. The adoption of these countries will double the number of countries served by Water For People and will position the organization to reach its target of directly benefiting 1,000 new people per day by 2011.

The unanimous decision was reached a year after the Board of Directors adopted its five-year strategic plan, which calls for aggressive expansion of its sustainable program model to more people in countries who need safe drinking water, adequate sanitation, and hygiene education.

Water For People plans to launch work in Ecuador and Nicaragua in 2007, followed by Rwanda in 2008. Work in Uganda and the Dominican Republic will be initiated over the next four years, as resources allow.

PlumbBetter® XPA Pipe, Fittings & Manifolds

So the escalating costs of Copper tubing are ruining your project budget? There is a solution and it seems to be a more cost effective approach to the rising costs of copper for water lines. IPEX has developed a line of polyethylene tubing that can replace the Hot and Cold Water Lines on virtually any project. The piping system, called "PlumbBetter"® is available in XPA and PEX versions. The tubing even comes pre-colored blue and red for hot and cold applications. The connections are made with a special crimping tool and bands at each joint, but for the long runs the length of the tubing can be 100s of feet, which minimizes the joints.

Why choose just a plastic or copper plumbing system when you can choose a plumbing system that combines the best of both? Made from flexible aluminum tubing sandwiched between layers of durable raised temperature polyethylene (PE-RT), PlumbBetter® XPA® composite pipe combines the strength of metal with the economics and performance of plastic.

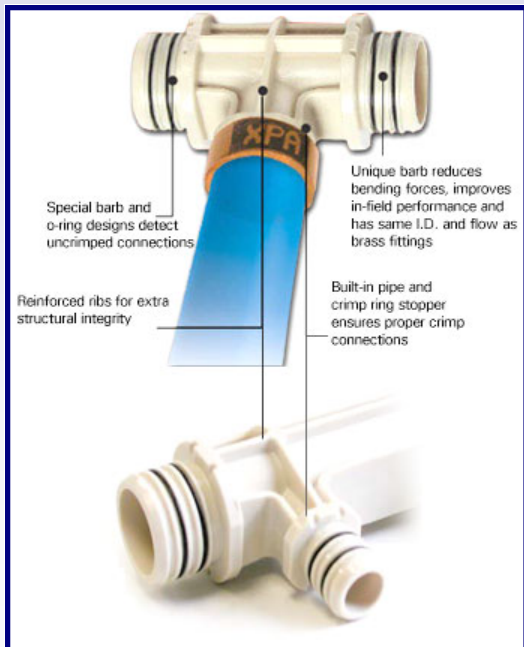
Available in long, lightweight coils that require fewer fittings, XPA® pipe is fast and easy to cut and join without special tools or training. Bends can be made effortlessly by hand, yet keep their desired shape for easy installation. Its flexible aluminum core allows for straight runs without sagging, superior flame and smoke ratings, and a built-in permeation barrier against ground source contaminants. As a result, XPA® can be safely installed below grade or in concrete slabs. And its tough PE-RT layers ensure excellent corrosion resistance and smooth flow without scale build-up even after years of operation.



Introducing IPEX's PlumbBetter® XPA®

So before you choose just any plumbing pipe, choose the reliable, long lasting system that combines the best of metal and plastic.

NEW! XPA® PLASTIC FITTINGS



PLUMBETTER® PEX PIPE, FITTINGS & MANIFOLDS

- Economical alternative for residential construction
- Lower Installation costs (time of installation)
- Ease of installation (fewer joints, simple joining method)
- Constant flow – will not pit or scale over time. Scale build-up can reduce water pressure, damage fixtures and create ongoing maintenance problems
- Longevity of system
- Cost savings on materials

IPEX PlumbBetter® fittings and manifolds share the same key features and benefits, including superior performance, lower installation cost, ease on the installation, constant flow, longevity of system, and cost savings on materials.

PlumbBetter® fittings and manifolds also meet the requirements of the North American building codes and relevant standards. The local representative for the IPEX PlumbBetter® System is Harrington Industrial Plastics, Willow Grove, PA.

EPA Honors Aqua for Rebuilding Bristol Water Plant

Federal, state and local officials gathered in May as Aqua Pennsylvania, Inc. (Aqua) accepted the 2006 Award for Sustainable Public Health Protection from the U.S. Environmental Protection Agency. The award recognizes Aqua's efficient use of federal funding to rebuild the Bristol Water Treatment Plant, which supplies drinking water to approximately 30,000 local residents.

In presenting the award, Jon Capacasa, director of the Water Protection Division for EPA's mid-Atlantic region, said, "We applaud Aqua Pennsylvania for demonstrating outstanding leadership to protect the public's health by making critically needed improvements to the community's drinking water system."

Located in Bristol Borough, the plant began to provide service in 1874 and required a complete overhaul when Aqua acquired the municipal water system in 1996. The company invested approximately \$10 million to rehabilitate and upgrade the facility, with \$5.9 million of the total financed with a low-interest loan from the Pennsylvania Infrastructure Investment Authority (PENNVEST).

EPA recognized Aqua on the recommendation of PENNVEST officials. "We proudly nominated Aqua for its ability and willingness to tackle the needs of neglected, troubled water systems, such as the Bristol facility, which require both the capital and expertise to bring them up to environmental standards," said PENNVEST Chairman Joseph Manko.

Aqua Chairman and Chief Executive Officer Nicholas DeBenedictis accepted the award. "This honor means a great deal to us, because it recognizes Aqua's commitment to addressing environmental issues and improving water quality. Furthermore, we take pride in using low-interest financing effectively to reduce interest expense, which helps control rates for customers while enabling us to address more capital improvement needs."

Aqua began the plant's overhaul in 1999 and completed the project in May 2001. Improvements included automating the filters and controls, installing equipment to remove solids from the water, upgrading chlorination and electrical systems, integrating a central computer system, and replacing leaking roofs. The project reduced the potential for filter failure and discharge of contaminants and eliminated structural safety hazards. Among the dignitaries attending the ceremony were State Representative John Galloway (D-Bucks), Bristol Borough Council President Ralph DiGuiseppe and officials from the Pennsylvania Department of Environmental Protection and the Delaware River Basin Commission.

Under EPA's Drinking Water State Revolving Fund program, the agency provides grants to the states, which in turn, use the funds to provide low-interest loans for drinking water projects. These projects support the Safe Drinking Water Act by protecting public health. In Pennsylvania, the program is managed by PENNVEST in cooperation with the Pennsylvania Department of Environmental Protection.

Aqua provides water and wastewater services to approximately 1.4 million residents throughout Pennsylvania, including 1.3 million residents in Chester, Delaware, Montgomery, Bucks and Berks counties. It is the largest subsidiary of Aqua America, Inc. (NYSE:WTR), the largest U.S.-based water and wastewater utility holding company serving customers in 13 states.

American Water Helps Habitat for Humanity in Camden

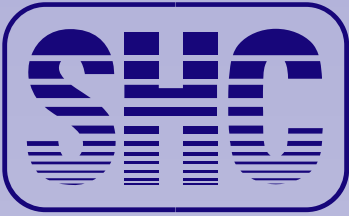
American Water Resources (AWR), a subsidiary of American Water that administers the company's service line protection program, sponsored a build day with the Metro Camden Habitat for Humanity on June 21, 2007.

In addition to providing a \$2,500 contribution to the organization, employees of AWR spent the day framing and building walls and closets in a dilapidated house located in Camden, NJ.

"American Water is committed to being a valuable member of the communities we serve," said Sharon Cameron, president of American Water Resources. "Working with Habitat for Humanity was not only a great team building experience but also a way for us to give back to communities in which we work and play."

Habitat for Humanity International is a non-profit organization that seeks to eliminate poverty housing and homelessness from the world.

With headquarters in Voorhees, NJ, American Water employs approximately 7,000 dedicated professionals who provide high-quality water, wastewater and other related services to about 17 million people in 29 states and Canada.



**PUBLISHED IN THE
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*Celebrating 25 Years of
Excellence*

Established in 1981, by Samuel A. Mott, Stone Hill Contracting is proud of their heritage, and their commitment to excellence. Throughout their decades of service, the employees and management of Stone Hill Contracting have prided themselves on their reputation of meeting or exceeding the needs of their clients. Specializing in water and wastewater treatment facilities, Stone Hill has performed work throughout the Mid-Atlantic region from Virginia to Northern New Jersey.

Although the majority of their work over the years has focused on the treatment plant field, they have also completed bridge and water control projects. With a client base mostly in the industrial and municipal markets, Stone Hill is proud to have numerous repeat clients, who have found Stone Hill's teamwork concept of working with the Owner, Design Engineer, Suppliers and Subcontractors, to be beneficial to all involved parties. Stone Hill's management team feels it is necessary for all parties to benefit in order to have a successful project.

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

Watch for the next issue
of the *Clarifier* coming in
December 2007

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Address Correction Requested