



The Clarifier

VOLUME SEVEN, ISSUE FOUR

DOYLESTOWN, PA

SEPTEMBER 2011

Celebrating 30 Years of Excellence

Stone Hill Completes 30 Years in the Construction Industry

What was happening in the world in 1981:

- The first DeLorean DMC-12 rolled off the production line
- Walter Cronkite signed off for the last time as host of the CBS Evening News
- Three workers were killed and five injured during a test of the space shuttle Columbia, however it went on to launch on two missions
- US President, Ronald Reagan, is shot outside a Washington, DC hotel
- The Centers for Disease Control and Prevention report that five homosexual men in Los Angeles, California have a rare form of pneumonia seen only in patients with weakened immune systems (the first recognized cases of AIDS)
- MTV is launched
- Lady Diana Spencer marries Charles, Prince of Wales
- The original Model 5150 IBM PC with a 4.77 MHz Intel 8088 processor was released in the United States at a base price of \$1,565
- A first class postage stamp cost \$0.15
- US government debt was \$99.4 billion
- Hill Street Blues premieres on television
- The Oakland Raiders defeated the Philadelphia Eagles 27-10 in the Super Bowl
- The cost of a dozen eggs was \$0.90
- The cost of a gallon of gas was \$1.38
- Stone Hill Contracting begins work in the heavy construction industry.

As anyone can tell from the above list, 1981 was a memorable year, but by far the most notable item of interest (at least to Sam Mott and the others who were involved in Stone Hill's infancy) was the entrance into the Construction Industry by Stone Hill Contracting. Sam left his job with another local contractor to take control of Stone Hill Contracting (Stone Hill was incorporated in 1975, and was owned by Mr. William Perkins in early 1981), which had previously not done much business. Sam set out to start and grow a company that could be respected in the industry for its quality and for its ethics.

Through the past 30 years, Stone Hill has been involved in over 100 projects ranging from less than \$10,000 to over \$26 million, and the quality and ethics that Sam Mott wanted back in 1981 are still paramount to the operations of the company today. As the company embarks on another 30 years, changes are in the works as Sam's son, David, is now Vice President and is helping Sam to navigate the rough waters that are now part of the heavy construction industry. David is assisted by Project Managers Mike Mallek and Bryan Mott as well Director of Development, Bob McIntyre, who along with Sam and his brother, Max Mott, make up the management team.

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Special points of interest:

- Stone Hill Celebrates 30th Anniversary
- 6th Annual Water For People Gala

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Stone Hill Receives \$21,165,901.00 Contract For Design Build Project

Stone Hill Contracting Co., Inc. has received the signed contract, from Waste Management, for the Design Build Construction Project to construct the new Leachate Treatment Plant at G.R.O.W.S. Landfill in Morrisville, PA. Stone Hill had been working on this project since April, putting together design documents, and permit applications for both PA DEP and local municipalities, in anticipation of the construction contract.

As The Clarifier goes to print ground is being broken onsite to begin the initial over-excavation under the structures. This work should proceed through mid September, at which time the foundation work should commence, under the direction of Superintendent Dan Ballard.

The project which has a substantial completion date in the Fall of 2012, and overall completion of December 31, 2012, involves the treatment of the leachate from Tullytown, G.R.O.W.S and G.R.O.W.S. North Landfills, which are all located in Lower Bucks County, PA., with direct discharge into the Delaware River. When complete, this will be one of the largest leachate treatment facilities of its kind in the United States. The project has proven to be a challenge to both Waste Management and Stone Hill as well as Stone Hill's design partners, which include, Nalco Company, Tangibl, LLC, Bursich Engineering, Richard Kapusta and Company Architects and Hoffmeister Engineering, PC, although through using the Design-Build principles of collaborative teamwork, the project is on schedule for the ground breaking the week of August 22.



The Stone Hill design build team, is excited to have this project underway, and looks forward to the great opportunity of constructing this project for Waste Management.

Phase I of the Replacement of Hydrogritters Project Begins

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The first phase of the Hydrogritter project at the Northeast Philadelphia WPCP was carried out by Geppert Bros., who removed the Owner's existing but obsolete, ash handling system. This demolition involved removing equipment and piping from several floors of the existing building, all of which had to be small enough to be lowered with the existing mono-rail system.

Stone Hill has moved on site, setting up trailers, storage containers, and a laydown area in preparation for the arrival of the new equipment. EJ Electric has provided temporary power so the air conditioner in the trailer can now be turned on. The shop drawing process and equipment releases are being coordinated with the Philadelphia Water Department and Hazen and Sawyer, and all equipment is expected to be released shortly. The arrival of the new hydrogritter equipment will then trigger the start of the next phase of demolition, and the bulk of the project. This should all begin during the last quarter of 2011 and extending into 2012.



Hamilton Township Clarifiers

The submittals are complete and the new clarifiers are being fabricated by WesTech Engineering, Inc. with an end of September delivery date. Stone Hill mobilized on site in the middle of August, and began to demo the existing clarifiers. Stone Hill will be working aside Aulffo Painting, who will be handling the concrete repair, followed up by Thomas J. Burleigh Painting Inc. who will be applying an epoxy coating. MBE Mark III Electrical will be handling the electrical.

Passaic Valley Project About to Get Underway

Stone Hill Contracting Co., Inc. has received the contracts for the Passaic Valley Final Clarifier Phase IV Project. The total contract for the project is \$17,715,500.00. The project has a completion time of four calendar years although we anticipate being completed sooner. The project consists of the rehab of 12 final clarifiers which have three clarifier mechanisms in each, for a total of 36 mechanisms.

The clarifier equipment on the project which is being replaced includes rake arm squeegees, clevis rod assemblies, rotating collection boxes, air piping, new ducking skimmers, and rotating scum troughs. This equipment is being supplied by Envirodyne Systems Inc. Each mechanism and its' bridge are to be sand blasted and repainted. This work will be completed by Aulffo Painting.

The electrical portion of the project will be handled by MBE Mark III Electric and the instrumentation will be provided by Essex Engineering.



Along with the clarifier work, Stone Hill will be replacing the scum piping as well as 12 scum pumps and 12 scum mixing pumps, and nocardia pumps. Another item on this project, is to provide the Owner replacement bar racks and rake tooth assemblies for their six existing bar screens. Stone Hill anticipates mobilizing in early September in time to complete the first two clarifiers by the winter.

NJDWSC Water Treatment Plant Improvements

The work in Filters 7 & 10 consisting of removal of the existing surface spray wash piping, media removal, cleaning of trapped media from underdrains, repair or replacement (as needed) of clay underdrain tile, installation of new gravel media and the installation of the Roberts Filter Aires Air Scour system has been completed. Once the NJDWSC has completed the remaining media installation and disinfection, Stone Hill Contracting will return to Filter 2 and then onto Filter 4 to install the air scour diffuser modules which will complete Stone Hill's work in four of the 13 filters. While working in Filter 2, Stone Hill will also be working in Filter 9 removing filter media, installing new gravel and installing the air scour system.

The four 100 HP blowers and sound enclosures have been installed and the air piping to the filters is 90% complete. Blower start-up is anticipated the end of August or early September. The concrete pads for the blower MCC and 500 kVA transformer have been completed and MBE Mark III has installed the Motor Control Center and Transformer and is pulling and terminating wire. MBE Mark III is also installing power panels, transformers, conduit and wire in the Chemical Building for the new chemical feed systems.



Two Bridges Project Gets Back on Track

By the time this issue hits the press, training on the UV system should be completed and the specified thirty (30) day testing of the newly installed system should be well underway. Following the completion of the latter activity, Stone Hill Contracting will be able to finish the remaining contract work on the sodium hypochlorite system and storage room. The Owner has also proposed some additional work which Stone Hill has been busy pricing. They expect to hear if these changes will be approved in the near future.

Hamilton Township Projects Update

Stone Hill Contracting has been awarded the Gas Storage Facility Improvements and the Digester Boiler Replacement projects for Hamilton Township. Due to long lead times, both projects are expected to get underway in January 2012.

Stone Hill will be working with Siemens Industry, Inc. and Eastern Electrical Corporation on the Gas Storage Facility and Siemens Industry, Inc., Cooper Plumbing & Mechanical and A.C. Scott Electric Company on the Digester Boiler replacement.



Aerial view of Readington Lebanon WWTP (1982)



Durham Lock—Delaware Canal (1983)

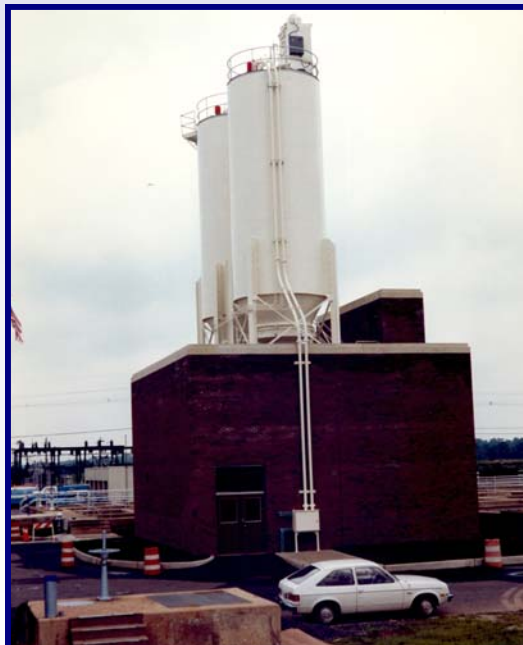
“Hatch Mott MacDonald congratulates Stone Hill Contracting’s 30th Anniversary and sends best wishes for another three decades of successful projects!” --- *John J. Scheri, Hatch Mott MacDonald*

“Congratulations to the entire Stone Hill family on your 30th anniversary. Your success as a company is not only measured by your longevity, but by your quality, loyalty and generosity. We are very proud to be associated with your fine company for these many years, both personally and professionally.” --- *The Team and Partners at Construction Risk Partners*

Congratulations on your 30th anniversary and here’s to 30 more. You are an example to the industry for your outstanding project performance, forward thinking and high standards. I hope the coming years bring you a variety of projects that keep you challenged and provide you with the success you deserve.” - *Gerry Injaian, Ives Equipment Corp.*



Bridge D4.50 -Burlington County, NJ (1984)



Elizabethtown Water Company, Raritan Millstone Plant Lime Facility (1984)



Lower Bucks Jt. Municipal Authority (1984)



Bridge H-2 on County Route 620—Monmouth County, NJ (1984)



Bridge 3-K-4, Almonesson-Blenheim Road Gloucester County, NJ (1985)



Somerset Raritan Valley Sewerage Authority Headworks Facility (1985)



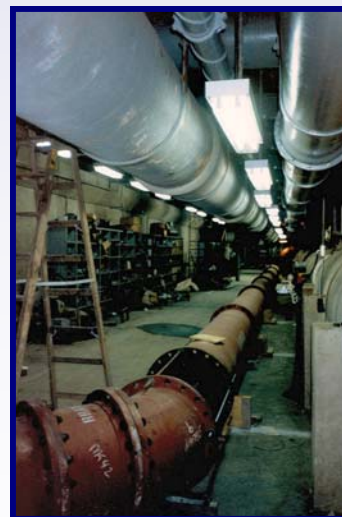
Hamilton Township Pollution Control Facility (1986)



Bristol Township Sewage Plant (1986)



Stone Hill Contracting Co., Inc.
1981—2011
"Celebrating 30 Years of Excellence"



Somerset Raritan Valley Sewerage Authority (1986)



Elizabethtown Water Company, Raritan Mill Stone Plant (1986)



Municipal Authority of the Borough of Morrisville, PA (1989)



Stony Brook Regional Sewerage Authority (1989)



Chalfont-New Britain Township Joint Sewerage Authority (1989)



Township of Chatham WPCP (1992)



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Somerset Raritan Valley Sewerage Authority (1993)



Knight Road Bridge and Trail over Green Lane Reservoir (1999)



PA American Water—Pocono Country Place WWTP (2002)



Clyde Potts Membrane Filtration Plant—Mendham, NJ (2004)



Musconetcong Sewerage Authority—Budd Lake, NJ (2005)



DELCORA—Chester, PA (2005)



GROWS Landfill Reclamation—Morrisville, PA (2005)



GROWS Landfill—Morrisville, PA (2006)

“Sam, Bob and all the other Motts— Congratulations on surviving 30 years. It shows that integrity, honesty and hard work still pays off. Best wishes for the next 30 years.” --- *Dave Pyrz, Pyrz Water Supply Company*

“Congratulations on your 30 years! We are one of several firms that have worked (and enjoy working) with Stone Hill for ALL of those 30 years. We wish you the best and look forward to working with all of you for many, many years to follow.” --- *Carl Janson and Staff, Riordan Materials Corporation*

“Congratulations to Stone Hill on your wonderful accomplishment. We wish you much continued success. Happy 30th Anniversary!.” --- *Your Friends at Travelers*



Belmont WWTP—Philadelphia, PA (2006)

Stone Hill Contracting Co., Inc.

1981—2011

“Celebrating 30 Years of Excellence”



Ocean Acres WTP—Stafford Township, NJ (2006)



**Upper Moreland Hatboro Joint Sewer Authority—
Willow Grove, PA (2007)**

“Congratulations on 30 years and continued success to Stone Hill Contracting.” --- Andrew Taylor, Roberts Filter Group

“Congratulations on your 30th anniversary. We appreciate your patronage and wish you continued success.” --- Sandy McIntyre, Grace Media Services, Inc.

Congratulations Sam and Max and all the members of the Stone Hill family on your 30th anniversary” - Northern Iron Works, Inc.

“Happy 30th to all and look forward to another 30 years!” - Ed Zalewski, Sherwood Logan & Associates

“If memory serves... 81 was the toughest of time, recession, little work, and a 19% prime.

30 years have come and gone, and SHC still lives on. Through sweat and tears, for another job well done.

Year after year, quite a score. We wish you, at least, 30 more.

Congratulations!” - All the Folks at Harrington Industrial Plastics, LLC



**Asbury Park WWTP—Asbury Park, NJ
(2009)**



Jersey City MUA—Jersey City, NJ (2009)



**Tank #5 Tullytown Resource Recovery Center—
Bucks County, PA (2009)**



**North Brunswick WTP Upgrade—North Brunswick, NJ
(2010)**



**G.R.O.W.S. Force Main & Pump Station Design Build—
Morrisville, PA (2010)**



**Delaware County Solid Waste Authority—Boyertown, PA
(2011)**



Jersey City MUA—Jersey City, NJ (2010)



Stone Hill Contracting Co., Inc.
1981—2011
*“Celebrating 30 Years
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NJDWSC—Wanaque, NJ

Stone Hill Completes 30 Years (continued from page 1)

In working closely with this management team, however it becomes obvious that it is more than the upper management that makes for the success of the company it is all of the employees, vendors, clients, and design professionals who work day in and day out to make Stone Hill a success. Some of the Vendors remember vividly that first major project Stone Hill Contracting undertook, the \$4 Million Readington Lebanon Waste Water Treatment Plant project, which was awarded in February 1982. These same vendors continue to work closely with Stone Hill today.

Then there are the employees who give their all day in and day out to help in the success of Stone Hill. They are all part of the “family” that has worked through hard and good times to make Stone Hill a leader in the industry. Some of the employees, who worked on that first project at Readington Lebanon, are working for Stone Hill today. They are a little greyer, and a little older, but still proud to be associated with such a quality company. From the Superintendents (some of which have been with the company for over 20 years), to the Engineering and Estimating Staff, to the labor force, and who could forget the dedicated office staff, who tirelessly work behind the scenes. Stone Hill's heritage is known throughout the industry, and it is great to hear that even their competitors have mentioned to vendors, clients and design professionals, how at least when Stone Hill beats them, they will be getting a job well done. Their reputation can't say enough about how they try to treat all of their employees, vendors, clients and design professionals with respect and attempt to work cohesively as a team throughout their projects. This attitude is what led Stone Hill into the design build area of construction. A lot of the attributes stressed in Design Build such as teamwork, innovation and partnering are in every project Stone Hill bids, whether it is Design Build or Design-Bid-Build, or any other type of delivery system.

Congratulations to Stone Hill Contracting, and all of their owners, management and employees on reaching such a major milestone. Hopefully in 2041, they will be celebrating another 30 years well done.

Please Join Us for the 6th Annual Water For People Gala

Stone Hill Contracting, along with industry and non-industry people, will be holding the 2011 Water For People Gala at the William Penn Inn (Route 202 and Sumneytown Pike, Gwynedd, PA) on Thursday night, November 3rd. 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.



If you would like to be a part of this event either as a sponsor or attendee, or if you would like to make a donation to this fundraising campaign, please contact either Randi Malkiewicz 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.

Lots of Fun at the Annual Stone Hill Picnic

It was perfect weather, August 6, 2011, at the Stone Hill Annual Family Picnic, where employees, friends and associates joined together for fun, food and conversation. This year held special meaning to all in attendance, as Vice President David Mott cut the cake, celebrating the 30th anniversary of the company.

The children, and some of the parents, enjoyed the Jurassic Park bounce house, crafts, driving range and enormous swimming pool. With over 100 in attendance, a great time was had by all!



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Address Correction Requested



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*Celebrating 30 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 2011