

Horizons

2019

The Customer Newsletter of the Brick Township Municipal Utilities Authority

BTMUA Celebrates Its 50th Anniversary!

This year the Brick Township Municipal Utilities Authority is celebrating its 50th year in operation! During its first year of operations in 1969, the Authority serviced 93 customers with a staff of 5 from an office on Mantoloking Road. Situated along the Jersey shore, BTMUA has been able to keep up with the ever growing population and service needs. 50 Years later, Brick Utilities now has a robust water distribution and collection system servicing over 100,000 residents in Brick, Pt. Pleasant Beach, Pt. Pleasant Borough, Howell, and Lakewood!

Cheers to 50 and many more to come!

To the Customers of the Brick Township Municipal Utilities Authority

The Brick Township Municipal Utilities Authority is celebrating more than our 50 years of successful operation. We are also celebrating the fulfillment of strategic planning goals which will help guide us through the next 50 years. We have identified and are preparing for the challenges facing all water purveyors across the country. Changes in climate, changes in our environment, and changes in technology. We will continue to proactively implement innovative solutions to meet these challenges now and in the future.

Each year, it becomes more difficult and more expensive to protect our water supplies, maintain compliance with evolving regulatory landscapes, and process our sanitary sewage. The Authority enjoys a reputation of being a leader in our industry and this can be attributed to our highly trained, competent and dedicated staff. As we commemorate our 50th Anniversary, on behalf of our Directors and Staff, I pledge our continued effort and commitment to guard the public health, to continue advancement of the Authority, and to always provide exceptional service to our customers.

Chris A. Theodos
Executive Director



Brick Utilities Breaks Ground on Water Treatment System Upgrade Project

Brick, NJ – Brick Township Municipal Utilities Authority (Brick Utilities) has announced the groundbreaking of the construction of a major upgrade to the William Miller Water Treatment Plant that will include a granulated activated carbon (GAC) treatment system. A recent water supply planning effort identified GAC as one of the best available drinking water technologies, particularly for water systems like Brick Utilities that rely on surface water. A contract for construction of the upgrades was awarded to Tomar Construction at the end of February and it is anticipated that the system will be operational in 2020 at a cost of \$14,815,000.

GAC is made from natural materials with high carbon content such as wood, coal, and coconut shells. It is highly effective for removing a wide variety of materials from drinking water that will otherwise pass through conventional treatment processes including trace levels of man-made chemicals found in the environment which are a growing concern across the US. GAC is a forward-

looking technology that will serve as an additional protective barrier against water contaminants and will help ensure that Brick Utilities continues to surpass potential drinking water standards going well into the future. “During a detailed and comprehensive study to plan for the future, GAC was identified as one of the best ways for Brick Utilities to continue succeeding in our mission to provide our customers with the safest, most secure, and highest quality drinking water possible” said Brick Utilities Vice Chairman Thomas C. Curtis “Water quality is of critical importance to the Authority and its customers, and we are taking a big step with these upgrades to ensure we are ready for the future”.

Brick Utilities is a critical water supplier for the region and provides drinking water to more than 100,000 shore area residents in Brick and surrounding communities, including Howell and Lakewood. Its primary water source is the Metedeconk River. The Metedeconk watershed encompasses roughly ninety (90) square miles in both Monmouth and Ocean Counties. Starting at its headwaters in Freehold, Jackson and Millstone, the river flows eastward through Howell, Lakewood, Wall and Brick Townships before reaching Point Pleasant Borough and the Barnegat Bay.

“GAC is a forward-looking technology that will serve as an additional protective barrier against water contaminants and will help ensure that Brick Utilities continues to surpass potential drinking water standards going well into the future.”



Construction of GAC project

Ongoing Efforts

Watershed Grant Programs

The Authority has been awarded multiple grants from NJDEP and USEPA for watershed protection and water supply management. This grant funding has allowed the Water Quality Department to develop watershed protection plans and restore areas of the watershed, in addition to investigating potential contaminants in the watershed area and providing outreach for stakeholders.

Undersized Water Main Replacement in the Breton Woods Section of Brick Township – Phase I

The existing water mains in portions of the Breton Woods Area of Brick Township range from 2” to 4” diameter and do not meet the current New Jersey Department of Environmental Protection (NJDEP) standards as well as the Residential Site Improvement Standards (RSIS). These undersized water main areas also do not have fire hydrants. The impacted streets include Oak Ct., Cedar Knoll Dr., Locust Ct., Mayfair Ct., McKay Dr., Laurel Ave., Community Dr. Clubhouse Plaza, Barber Ave., Stuyvesant Rd., Cedarhurst Rd., Unity Dr., Pinehurst Rd., Metedeconk Rd., Breton Rd., Breton Ct., Sunset Ct., Hickory Rd., Holly Rd. and Sunset Rd. Approximately 11,500 lineal feet of water main would be upgraded.

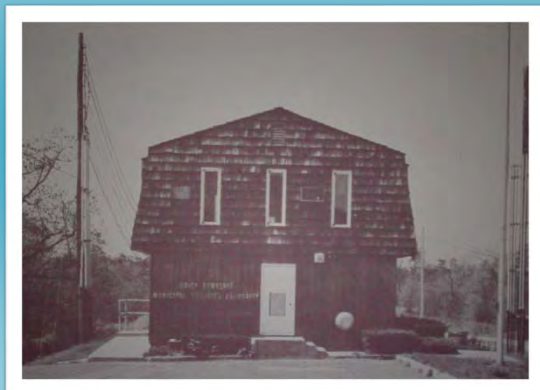
The Brick Township Board of Commissioners authorized the Professional Engineering Design and Construction Administration Services in July 2016.

In January 2019, the construction portion of the project was awarded to Underground Utilities Corp. for the amount of \$2,198,446.40 and construction commenced in May, 2019. Installation of the water main was completed in November 2019 and the final paving should be performed in the spring of 2020.

Brick Utilities is financing this project via a low interest loan from the New Jersey Infrastructure Bank.

LOOKING BACK THROUGH TIME

Office of Brick Township MUA at the campus
On 1551 State Highway 88 West, Brick, NJ
(circa 1971)



Surface water treatment plant at
Brick Township MUA
(circa 1987)



A Message from The Chairman



Board of Commissioners

Gregory M. Flynn, Chairman
Thomas C. Curtis, Vice Chairman
William Neafsey, Secretary
Susan Lydecker, Treasurer
Maria Foster, Asst. Sec./Treas.
Sandra P. Hawthorne-Tormey,
Alternate

Chris A. Theodos,
PE, PP, CME, CPWM, CFM
Executive Director

This year The Brick Township Municipal Utilities Authority celebrates the 50th year of continuing its leadership role in providing water delivery and sewage collection services to over 100,000 northern Ocean County residents and protection of water supplies for Northern Ocean County.

The Authority has grown from a small groundwater facility in 1969 to one of New Jersey's largest Municipal Utilities Authorities in 2019. Explosive development in Brick Township throughout the 1970s and 1980s required the Authority to stay ahead of the ever increasing demand for a safe and dependable water supply and sanitary sewage collection. Through the 1990s and into the new millennium, the Authority has planned ahead, to ensure we continue to meet new challenges.

The Authority has conceived of and managed a number of projects to ensure services prevail through seasons where drought, flooding, or storms impact our service area. Forward planning and making those plans into reality, leads us into meeting challenges successfully. The Reservoir project is an excellent example of our commitment and dedication to a water secure future.

We pledge our continued commitment to you in the stewardship of our most precious asset, and in providing you with excellence in water quality and service reliability through effective, ethical, and efficient management and operation. It is my pleasure to serve along with our Board of Commissioners as we look ahead to the next 50 years, fulfilling our duty to you for generations to come.

Gregory M. Flynn, Chairman

PUBLIC MEETINGS are held on the last Thursday of each month at 7:00 pm. at our Main Administration Building. For a complete schedule of Public Meetings and other information regarding the Authority, please visit our website at:

www.brickmua.com