

Regional Sewer Main Project

Those traveling down Highway 17 north will notice work taking place in front of Oakland Plantation. This is the start of a regional sewer main project that is critical for the Town of Mount Pleasant. Although citizens are just beginning to see this project, it has been in the works for well over a year. Mount Pleasant Waterworks' (MPW) Master Plan developed in 2014 outlined the need for additional sewer main to serve the northern region of Mount Pleasant. The installation of this sewer main will increase operational pumping efficiency, improve flow capacity in existing lines, and serve as an alternative pumping route.

Regional Sewer Main Project
ENGINEER: G. Robert George & Associates, Inc. CONTRACTOR: R.H. Moore Company, Inc.
Project Budget: \$5 million
Estimated Completion Date: June 2017
Planning for Tomorrow, Today

The sewer main is being installed starting along George Browder Road under Highway 17 from just in front of Charleston Fun Park down to Jack's Cosmic Dogs.

When this project originated the route covered a larger area and the installation plan called for all underground boring. However, to complete a project of the originally

planned size utilizing underground boring technology required the use of large specialized equipment that can only be found in a few areas throughout the United States and is costly. MPW developed alternate installation solutions and presented those to the Town of Mount Pleasant. Although there was an obvious solution as it related to construction costs, the Town's Tree Ordinances created additional costs of nearly \$3 million. Serving the same body of citizens, the Town and MPW worked together in order save MPW's customers nearly \$2.5 million. Understanding the criticality of this sewer project and aiming to preserve portions of the natural buffer throughout the project area helped with reaching a plan that satisfied both MPW and the Town.

In the end, the project route was reduced in size and includes combination of underground boring and open cut installation. MPW will remove a 20-foot swath of trees located in front of Oakland Market where the open cut method will be utilized to install the sewer main. Portions of the project that would create traffic issues will be bored underground.

Providing clean safe water to approximately 80,000 residents in a Town that is one of the fastest growing in the United States takes dedication and leadership from both MPW and the Town. By working together our customers and fellow citizens will benefit.

Residents can stay up-to-date about the project by visiting the "Projects Under Construction" page at www.mountpleasantwaterworks.com. The project is estimated to be complete by June 2017.

Cover Your Irrigation System's Backflow

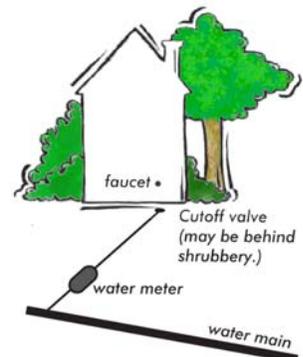
All irrigation meters are required to have backflow preventers installed to protect the public water system. Since these are above ground devices, they are particularly prone to freezing if not covered in the winter. If you haven't already, you need to do this now to prevent the costly expense of a burst pipe. Hardware or lawn irrigation supply stores have insulation in various forms that aesthetically enhance landscaping while protecting backflow preventers from freezing.



Do you know how to turn off your water service?

If you leave your home for any length of time during winter months, you should shut off the water supply to your house in the event of freezing weather.

Your water can be shut off at the cutoff valve, a wheel-type valve normally located under the water faucet outside, 18 inches below the ground and 2 feet from the house. It will usually be in line with your water meter (located near the edge of your property line near the street).



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Check Your Home For Leaks

How can you check for leaks?

You can monitor your water usage at the meter. The style may vary from home to home, but all meters have devices called registers that measure the flow of water as it passes through the meter. One revolution of the sweep hand equals ten gallons of water through the meter. The leak detector triangle identifies water activity on the register and provides a visual indication of water activity and/or leakage. Here's how you can check your meter:

- (1) Turn off all faucets in your house and verify that no water is being used.
- (2) Make a mark where the needle is on the glass cover over the meter register.
- (3) Write down the reading. Don't use any water for at least fifteen minutes.
- (4) After fifteen minutes, check to see if the flow detector needle has moved at all. If it has, then you have a possible leak somewhere.
- (5) If the leak is from the meter to your house, it is your responsibility to repair. Enrolling in MPW's Service Line Care Program will relieve you of this burden.

Please visit our website for a detailed guide of **How to Monitor Your Meter and to enroll in Service Line Care.**

The MPW bi-monthly Commission Newsletter, Water Lines, is produced in-house and mailed to customers with bills and statements. Current and past issues can also be viewed and downloaded from our website.

Charleston Water System, Mount Pleasant Waterworks reach historic milestone

The Charleston Water System (CWS) and Mount Pleasant Waterworks (MPW) signed a thirty-year extension on their intergovernmental wholesale water purchase agreement on Tuesday, November 1st. The agreement extends the existing contract, wherein MPW buys water at a purchased capacity rate from CWS. Currently, MPW purchases approximately six million gallons per day from CWS. The new agreement also allows for increased water purchases to meet future demand and growth. In addition, it allows for the possibility of future construction of a third point of delivery from CWS to MPW.

MPW and CWS were glad to finalize this important agreement. Both utilities are committed to providing high quality clean water services to the growing region. The Cooper River may seem like a dividing line, MPW and CWS have a responsibility to plan with each other as development and population increases continue within service areas.

"The signing of this contract is a monumental step that allows us to provide our current and future customers with clean safe water at affordable rates," said Clay Duffie, MPW General Manager. "As providers of a life sustaining resource, it is our responsibility to work together to sustain and protect this most important natural resource. We are extremely pleased to have successfully developed and executed this contract with CWS and appreciate the hard work and dedication from employees and Commissioners on both sides of the river" Duffie said.

MPW and CWS began their wholesale water partnership in 1995. The new extension carries the contract through 2046 and includes an additional 10-year extension if both parties agree at the end of the contract term.



From Left to Right: Susan Mellichamp, MPW Vice-Chair; Clay Duffie, MPW General Manager; Rick Crosby, MPW Chair; Thomas Pritchard CWS Chair, Kin Hill, CWS CEO, and Mark Kline, CWS COO

MPW Operations Center
1619 Rifle Range Road
Monday-Friday 8 a.m.-5 p.m.
843-884-9626 (phone)

Need a Speaker for your Home Owners Association or Community Group?

Mount Pleasant Waterworks' Commissioners and staff would enjoy the opportunity of presenting and answering questions.

To schedule a speaker for your group, please contact Dionna Ebeling at 843.884.9626 or debeling@mpwonline.com



In observance of the New Year, the MPW Operations Center will be closed on :

MONDAY, JANUARY 2, 2017

If you have a water or wastewater emergency, call 884-9626. Our answering service will page on-call personnel.



Happy Holidays!