

Capital Projects Planning Begins

Customers are urged to learn more about future MPW construction projects during the annual Capital Improvement Plan project request public meeting February 16, 2009 at 5:30 p.m. The meeting will be held in the Public Meeting Room of the MPW Operations Center, 1619 Rifle Range Road.

MPW projects are divided into two categories for funding: Extension and Expansion (E&E), and Renewal and Replacement (R&R). E&E projects are funded primarily by impact fees charged to new developments. These projects extend infrastructure and expand plant capacity to accommodate more demand. The use of impact fees aligns with the MPW Commission's objective that growth pay for growth. R&R projects include the replacement of aging infrastructure. These projects are funded with a percentage of operating revenue and earned interest.

The planning and scheduling of projects is revisited annually and is subdivided into four categories:

- ◆ **Administrative Projects** support all utilities (water and wastewater), and are therefore funded with both water and wastewater E&E and R&R dollars.
- ◆ **Water Projects** support only water assets, and are funded with water R&R and E&E.
- ◆ **Wastewater Projects** support only wastewater assets, and are funded with wastewater R&R and E&E funds.
- ◆ **Grant Projects:** Several CIP projects are kept on the project list but rolled over from year to year because the projects are dependent on grant funding. MPW has pursued and completed numerous projects over the years in an effort to keep the environment safe and to protect natural resources.

Projects In The Works for FY2010

Effluent Disinfection Modifications

For many years MPW has used gas chlorination as the means of disinfecting treated wastewater prior to discharge to the harbor. In cooperation with Charleston County School District, and the new Whitesides Elementary School locating adjacent to the plant, MPW is changing its disinfection method from gaseous chlorine to liquid chlorine. This conversion is scheduled for completion before the new school opens.

Old Village Water Distribution System Master Plan - Phase II: Water Main Lining Rehabilitation

Phase II of the master plan to rehabilitate the aging sections of the Old Village water distribution system began construction



in January 2009. This project will eliminate the tuberculation of deposits in the older lines in this area. The project consists of cleaning and re-lining existing 6" and 8" cast iron water mains.

Highway 41 Service Area Upgrades

The tremendous growth experienced in MPW's service area along the Hwy 41 corridor has resulted in the need to upgrade the wastewater collection system in order ensure that the pump stations operate efficiently thereby reducing operating costs now and in the future. Phase I of these upgrades includes the installation of a new 16 inch wastewater force main line to convey a portion of the wastewater collected in the Dunes West area. The new force main will be routed from just south of the entrance of Dunes West east to the SCE&G power line easement. Construction on the current phase is scheduled to start in late summer 2009. Future phases of this project will include a new force main in the Dunes West subdivision and several pump station upgrades.

Water Distribution Improvement

MPW plans to improve its core water distribution system with a 20" water transmission main from Snowden Road to Highway 17. The intent behind such a large line is to meet the demands of the medical complexes developing along Bowman Road and to eventually improve pressures and service to the Patriots Point Area. Portions of this line have been installed in conjunction with the Town's Whipple Road Improvements. Under this project phase, the new line will be extended to connect into the hospital site and to the continuation line at Long Point and Whipple Roads. Construction is scheduled to begin in the summer of 2009.

North Operations Center

In an effort to deploy crews more efficiently, MPW is planning to construct a service center on 18 acres of land off Darrell Creek Trail.



Calling all school- age children from Kindergarten through 8th Grade!

Mount Pleasant Waterworks is pleased to announce the 2009 Annual Drinking Water Week Poster Contest. This year's theme is "WATER FOR LIFE" and is open to all students public, private or home-schooled.

The winners in each category will be presented with checks for \$100 (1st Place), \$75 (2nd Place) and \$50 (3rd Place).

Winning posters and artists in each grade category will be photographed and published in the Moultrie News during **Drinking Water Week 2009, May 3-9**.

All entries must be received by the end of the business day **Friday, March 27, 2009**.

For more information, contact Nicole Frampton at 388-1152, or email to nframpton@mpwonline.com. You can also get the information from our website: mountpleasantwaterworks.com

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

www.MountPleasantWaterworks.com

Save Money on Your Water Bill

Drain and Save Your Water Heater

General information for electric water heaters only. Please refer to your manufacturer's instructions for possible variations and safety considerations.

Save water, energy costs, and extend the life of your water heater by draining it at least once a year. This will flush out the calcium deposits that build up at the bottom of the heater. These deposits make it harder to heat the water, reduce the life of the heating elements, and will eventually rust out the bottom of the tank.

Step 1: Shut off electricity to the water heater at the circuit breaker or fuse box. **WARNING!** Electricity must be off at all times while the tank is empty.

Step 2: Give water a chance to cool down—45 minutes to one hour.

Step 3: Shut off the cold water supply to the water heater using the cold water shut off valve on top of the tank.

Step 4: Open hot water faucet in kitchen and/or bathroom. Leave open while draining the water heater.

Step 5: Connect a hose to the drain valve on the bottom of the water heater. Route hose to an adequate drain area.

Step 6: Open the drain valve.

Step 7: When the water heater has completely drained, open cold water supply valve to the water heater for 30 to 60 seconds then shut off.

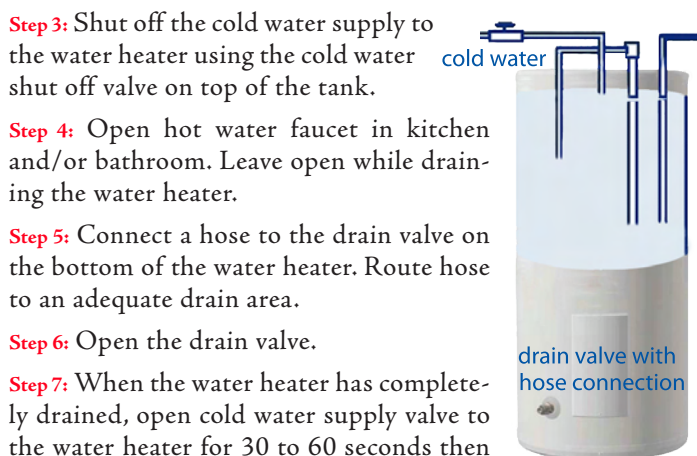
Step 8: (a) Check water coming out of drain hose for clarity.
(b) Continue **Step 7** and **Step 8(a)** until water is clear.
(c) Once flush water is clear, your heater is clean.

Step 9: Close drain valve on bottom of tank and remove drain hose.

Step 10: Open cold water supply valve (reverse of Step 3). As your water heater fills, you will notice air escaping from kitchen and/or bathroom faucets. Leave these outlets open until there is a steady flow of water.

Step 11: Close kitchen and/or bathroom faucets.

Step 12: Turn on electricity to water heater at circuit breaker or fuse box. Hot water should be available in 30 to 45 minutes.



MPW Operations Center

1619 Rifle Range Road

Monday - Friday • 8 a.m. - 5 p.m.

884-9626 • 884-4858 (fax)

customerservice@mpwonline.com

Email requests will be processed the following business day.

Quick News and Notes

We can help!

Special Needs / Issues

We can schedule sewer inspections, locate your water meter and check it for problems, and raise / lower your meter box. MPW can also help you perform a water usage audit at your home or business.

Simplify in 2009

Make life simple and easy with **EASY PAY Online**.

MPW offers online billing, bill payment, customer service and account history features with **EASY PAY Online**. Just go to our web site, MountPleasantWaterworks.com and click the **EASY PAY Online** logo on the home page or the **My Account** tab on the main navigation bar. Within seconds you can register your account, select **EASY PAY** options and ease the worry of traditional bill payments.

You'll love it.

EASY PAY Online



Turn your pennies into **DOLLARS** to benefit East Cooper Community Outreach (ECCO) or Water Missions International (WMI). Just call **884-9626** and tell us you want to **ROUND-UP** your bill payment to the next highest dollar and request the change go to either **ECCO** or **WMI**. You can also sign up online by clicking the **Customer Service** tab on the navigation bar, then **ROUND-UP** on the drop-down menu.