



CAPITAL ASSET REPLACEMENT

When we flip on the light switch we expect the lights to come on. The same is true when we turn on our faucets. We become accustomed to water immediately flowing from the kitchen sink or hose bib when we turn it on and can become frustrated when it doesn't have the expected outcome. The simple act of turning on a faucet or switching on a light and always getting the desired result requires a great deal of complex infrastructure to work together time and time again.

Most of us rarely give much thought to the extensive infrastructure that is required to operate almost all utility delivery systems. They include land, buildings, major fixtures, machinery and equipment and all major delivery and production systems. The truth is that service starts with a utility's plans for investments in infrastructure, execution of those plans and then ongoing successful operational control and maintenance.

These assets and the material they are created from deteriorate with use and time. For water districts that deterioration will accelerate if the pipes, pumps and other infrastructure are buried in corrosive soils or operate under high pressure. Harsh conditions underground can also create premature stress and aging. The District sets aside funds each year to replace critical infrastructure as its useful life comes to an end. Periodic inspections and maintenance are also done as devices and operating systems age.

The District has recently embarked on a comprehensive Condition Assessment Program to better estimate the remaining useful lifetimes of our infrastructure. With our oldest pipes nearing 70 years old, having a detailed understanding of pipeline conditions is critical to controlling costs of replacement. Some pipelines may reach 100 years of service without a problem, while others fail earlier due to corrosion or other causes.

Our goal is to continuously collect data on pipeline conditions so that we leave the pipelines that have useful life left alone and focus on replacing those that are about to fail – before they cause disruptive and expensive main line leaks.

This process is discussed in detail at our Engineering Services Committee meetings and the public is welcome to join in on the discussion.

Please go to our website @ <https://www.rainbowmwd.com/meetings> for details on upcoming meeting dates and times.

**RAINBOW
MUNICIPAL
WATER
DISTRICT**

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CONTACT INFORMATION

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<http://www.rainbowmwd.com>

FEATURE SPOTLIGHT

HIGH PRESSURE AREAS

Due to the hilly topography of the District many portions of our service area are subject to high water pressure. So, what can consumers do to protect their water system? The California Plumbing Code requires pressure regulators on water supply inlets to homes and buildings wherever local static water pressure is more than eighty (80) pounds per square inch.

Your house may already have a pressure regulator to protect against high pressure, but they are usually located where your pipe enters the building. What about the water line from the meter to your home? Usually the line from the meter to the house remains unprotected.

Some areas have District-installed and owned pressure regulators that are in front of the meter. Those devices are only installed to protect the District's meter from high pressure, not your water line. If you want to protect your line from high pressure coming into your property, we highly recommend you install a pressure regulator right after the meter.

If you have any questions about pressure, please contact Customer Service at (760) 728-1178.

ANNUAL CONSUMER CONFIDENCE REPORT

The Consumer Confidence Report or often referred to as an annual water quality report or a drinking water quality report, provides information on your local drinking water quality. Rainbow MWD customers will be receiving the 2016 annual Consumer Confidence Report (CCR) in their mail. This brochure is a snapshot of the water quality information that was compiled during 2016. Every community water supplier must provide an annual report by July 1 of each year to its customers, according to the U.S. Environmental Protection Agency's.

Included are details about where your water comes from, what it contains, and how it compares to Federal and State standards. The CCR is required by state law and is essentially the District's report card to the consumer. Please look for the CCR in your mailbox and contact us if you have any questions.

The specific information in your CCR is tailored to your local water system and will include: Your water source, such as a lake, river, or public well, levels of contaminants in your water source, EPA standards for safe contaminant levels, information about Cryptosporidium, and other relevant information about your water.

Please feel free to contact us if you have any questions @760-728-1178 or to our website @ <https://www.rainbowmwd.com/water-quality-reports>