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ARDEN SERVICE AREA PIPE AND METER INSTALLATION PROJECT

This project, located in Zone 41, will install approximately 38 miles of new distribution pipeline, 3010 water meters, and install new or replace fire hydrants. By implementing this project, SCWA will help improve the reliability in the system, meet current fire flow and fire hydrant requirements, meet pipeline separation standards and lower operation and maintenance costs.



PROJECT CONTACTS

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DEPARTMENT OF WATER RESOURCES
SACRAMENTO COUNTY
WATER AGENCY



**FIRE HYDRANT
PLACEMENT
& INFORMATION**

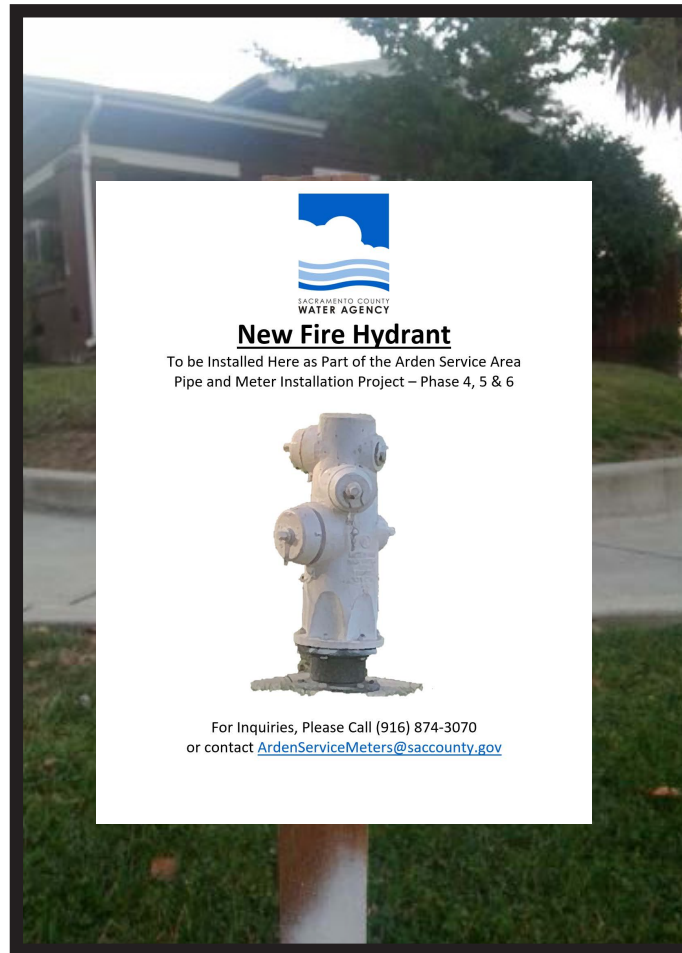
Fire Hydrant Information: Before and During Construction

The number of fire hydrants added to the project area will meet Fire Code spacing requirements (every 500 feet for residential and every 300 feet for commercial areas.) Hydrants are required to have easy access for firefighters.

Please do not move the stake from its designated location. If you notice a stake has been moved or knocked down, please contact us immediately so that we can coordinate with the contractor. The Inspector or the Project Engineer will then restake at the proper location.



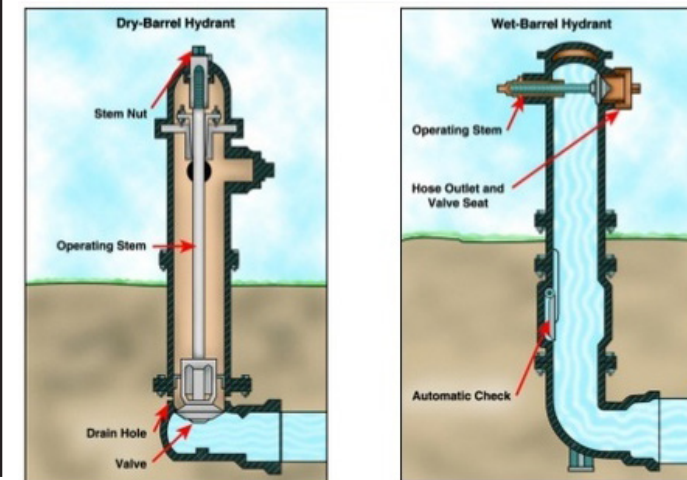
Fire hydrants that are not in service yet, shall be covered with a **black plastic bag**. Once the hydrants are in service the plastic bag will be removed.



A **notice similar to the one above** will be posted on a wooden stake during construction. The purpose of this notice is to confirm the location of the new hydrant as previously discussed and as shown on the plans.

Did You Know?

The upgrade in water main sizes will provide additional capacity to meet fire flows during a fire. The hydrants will be installed or replaced to meet the current standards for quantity and spacing. The Sacramento Metropolitan Fire District has approved the plans for all of the proposed hydrant locations in this project and should not be moved unless there's a constructibility issue.



*Courtesy of Essentials of Fire Fighting, 5th Edition
Chapter 12 — Water Supply Firefighter I*

There are two kinds of fire hydrants: dry barrel and wet barrel. Each kind is used and designed for different climates. The Sacramento Metropolitan Fire District requires wet barrel fire hydrants in Sacramento. The wet barrel holds water in the barrel at all times and is easier to maintain. The dry barrel holds water below the frost line.