



# CONSTRUCTION ALERT



## WATER TREATMENT FACILITY @ WILLIAM S. HART BASEBALL/SOFTBALL LEAGUE PARKING LOT



### PROJECT DETAILS

Like many communities throughout the nation, tiny amounts of per- and polyfluoroalkyl substances (PFAS) are found in some of SCV Water’s supply. To remove PFAS from the water, SCV Water will install a new water treatment facility, ensuring our water continues to meet all drinking water standards.

This \$6 million water treatment project for three agency wells next to the William S. Hart Baseball/Softball League ballfields is an investment in our long-term water supply and will restore our use of a substantial portion of our groundwater that has been impacted due to PFAS chemicals. The project includes 6 vessels as well as pumps, motors and equipment to be placed on our well site next to the William S. Hart Baseball/Softball fields. The project will treat 6,250 gallons of water per minute, enough to serve 5,000 families for a year.

Enough water annually for **5,000 families**



Additionally, SCV Water will add a chloramine disinfection facility in an enclosed building within the fenced area. Currently, these wells are treated with chlorine only. Chloramination (chlorine and ammonia) is a more desirable disinfection process used by SCV Water and other water agencies across the US. The chloramine remains in the distribution system longer, produces less disinfection by-products, with fewer taste and odor concerns than free chlorine.

The entire project will take place inside the already fenced area.

**CONSTRUCTION HOTLINE: 661-388-4935**

### PROJECT SCHEDULE

**WHEN: FEB. 1 TO JUNE 30, 2020**

**TIMES:** While most construction is anticipated to occur Monday through Friday between normal business hours, weekend and night work may be required. SCV Water will notify Hart ballfields as well as the community prior to work taking place outside of normal construction times.

**WHAT TO EXPECT:** All project construction is contained within the already fenced well property next to the ballfield parking lot. However, visitors to the ballfields may experience times when some parking is impacted due to construction equipment and supply staging. If you are visiting the fields during the project, please allow extra time for parking.



## WHAT ARE PFAS?:

Per- and polyfluoroalkyl substances (PFAS) are a group of substances used to repel grease, moisture, oil, water and stains. They have been used in a variety of industries worldwide and are found in thousands of commonly used products, such as non-stick cookware, shampoo, food wrappers, firefighting foam, paints and cleaning products. These chemicals also persist in the environment due to manufacturing, product use and discharge of treated wastewater.

SCV Water is closely monitoring PFAS, including perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS), in our water supply. We test our water thousands of times per year to ensure it meets state and federal water quality standards. Wells that exceed PFAS health standards set by the state are taken offline.

## WHAT IS SCV WATER DOING TO REMOVE PFAS?

SCV Water has taken immediate steps to address detected levels of PFAS chemicals in the groundwater, including proactive quarterly sampling the water in all of our wells to ensure they are in line with state and federal standards. The water resistant properties of PFAS make them difficult to remove from water; however, there are proven treatment options, including synthetic ion-exchange adsorption that will be used at our new water treatment facility next to the Hart Ballfields.

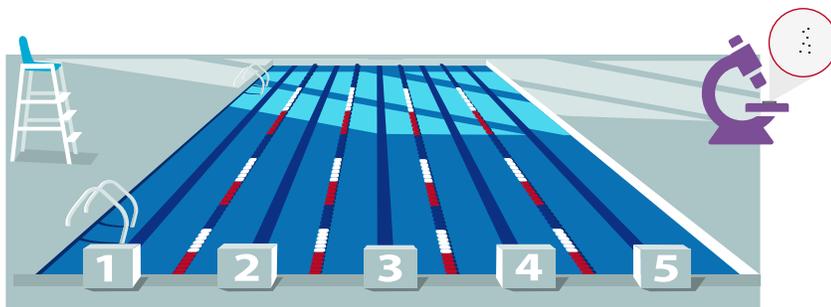
## WHAT ARE THE MONITORING GUIDELINES FOR PFAS IN WATER?

In California, the State Division of Drinking Water (DDW) has a “notification level” and a “response level” for water agencies. SCV Water follows these guidelines for notifying our customers and other stakeholders.

**Notification Level (NL):** Requires a water agency to notify government officials when PFAS in the water exceeds the set NL. In California, the NL for PFOA is 5.1 ppt; the NL for PFOS is 6.5 ppt.

**Response Level (RL):** Requires agencies to take action for readings of 10 ppt for PFOA and 40 ppt for PFOS. The DDW recommends that the water agency remove the well from service or provide treatment if it exceeds that amount.

## PFAS are in 1,000s of commonly used products and the environment



A **part per trillion** is a **microscopic** measurement for something in the water and would be equal to a **few grains of sugar** in an **Olympic-size swimming pool**.

VISIT [YOURSCVWATER.COM/PFAS](https://www.yourscvwater.com/pfas) FOR MORE INFORMATION

