

FACT SHEET

Effluent System Reliability Project

MAY 2018

TREATMENT PLANT UPGRADES SCHEDULED FROM MAY TO OCTOBER IN 2018 AND 2019—OCCASIONAL ODORS MAY BE NOTICEABLE TO PLANT NEIGHBORS

Regional San is currently working to upgrade some of the most important components of the Sacramento Regional Wastewater Treatment Plant near Elk Grove.

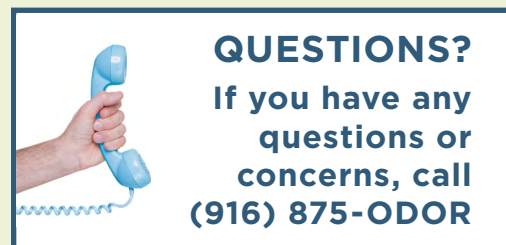
The **Effluent System Reliability Project** will replace large valves in massive pumps that are critical features of the plant's operations. During the dry season months of 2018 and 2019 (May to October), Regional San will install the valves during a complex replacement process.

To do this work, it will be necessary at times to divert all primary effluent (partially treated wastewater) into the plant's emergency storage basins. This may mean that **occasional nuisance odors** are more noticeable in the surrounding local areas while the work is being done.

Therefore, we are asking for our neighbors' patience and understanding during this special project. We are making every effort to minimize the amount of time we need to use the storage basins, and we will attempt to reduce odors as much as possible through the use of chemicals and other processes. **Odors do NOT present a safety hazard**, but we realize they may be a nuisance to certain individuals.



Vicinity Map



Regional San provides wastewater conveyance and treatment services to residential, industrial and commercial customers throughout unincorporated Sacramento County; the cities of Citrus Heights, Elk Grove, Folsom, Rancho Cordova, Sacramento, and West Sacramento; and the communities of Courtland and Walnut Grove. We serve a population of about 1.4 million.

We own and operate the regional wastewater conveyance system and the Sacramento Regional Wastewater Treatment Plant (SRWTP) located near Elk Grove (see map).

Maintaining SRWTP's vital on-site infrastructure for the safe handling of wastewater and the protection of public health is our top priority.

Why is this work being done now?

Most of the 18 large valves (2 to 8 feet in diameter) that are being replaced are as old as the plant itself (35+ years). There is no "good" time to do this work, but the valves are reaching the end of their operational life, and they must be installed before new nutrient removal facilities come on line in the fall of 2019.

The dry months are the best time to do this work due to lower wastewater flows entering the plant, which means less wastewater in the storage basins.

What should the community expect during work?

Depending on weather conditions and prevailing winds, nuisance odors from the plant may be more noticeable. To make our neighbors aware of what's going on, we are posting signage along local roadways, using social media to get the word out, and addressing questions and concerns through a special hotline (916-875-ODOR). For more project information, visit regionalsan.com/odor.

What is Regional San doing to control odors?

For more than 35 years, Regional San has strived to be a good neighbor, providing a wide land buffer and using odor-reduction processes to help minimize plant odors and inconveniences to surrounding communities. Of course, as with any wastewater treatment plant, some odor impacts are unavoidable. However, during the plant's history, we have had a very low incidence of off-site odors. During this work, we will try to reduce odors as much as possible by pre-treatment of the stored water with chlorine and bioxide (calcium nitrate). In addition, we plan to "cap" the stored water with chlorinated secondary effluent once it is diverted to the storage basins.