



San Gabriel Basin Water Quality Authority

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Ultraviolet Light Flex (UVFlex) Modular Demonstration Project

To Whom It May Concern:

The San Gabriel Valley Water Company (SGVWC) is a PUC-regulated utility established in 1937 that provides water service to more than a quarter million San Gabriel Valley residents. The company operates many groundwater treatment facilities that supply purified drinking water while helping to restore the San Gabriel Valley groundwater basin.



SGVWC was awarded a Proposition 1 (the Water Quality, Supply, and Infrastructure Improvement Act of 2014) planning grant from the State Water Resources Control Board (SWRCB) to demonstrate the effectiveness of a new treatment technology. The demonstration project will be constructed at SGVWC's existing Plant B6 treatment facility (see photo to the left) in Baldwin Park. The B6 facility has multiple treatment technologies including air stripping, ion exchange and ultraviolet light (UV).

The demonstration project will evaluate a newer type of UV technology known as UVFlex (see photo below). The Trojan Technologies' UVFlex is expected to operate more efficiently and use less energy than the current UV technology. The demonstration system will occupy an existing building on the B6 site that previously housed an older ion exchange system. Construction is expected to begin in January 2020 and completed by July 2020. Once construction is completed, a comprehensive testing program will begin.

Testing of the UVFlex system will be conducted by SGVWC's certified and highly experience water treatment operators. Additionally, the demonstration project will be overseen by the SWRCB's Department of Drinking Water which regulates and issues permits for drinking water facilities.

Should you have questions about the UVFlex demonstration project, you are encouraged to contact Mr. David Van at (626) 443-6183 or dvvan@sgvwater.com.

Sincerely,
Randy Schollerman, P.E.
Assistant Executive Director/Senior Engineer
San Gabriel Basin Water Quality Authority



Funding has been provided in full or in part through an agreement with the State Water Resources Control Board using funds from Proposition 1. The contents of this document do not necessarily reflect the views and policies of the foregoing, nor does mention of trade names or commercial products constitute endorsement or recommendation for use.