



## **PRESS RELEASE**

For immediate release: November 15, 2019

On November 21<sup>st</sup> at 1:30 PM the City of Lemoore will be formally breaking ground on the construction of its new groundwater treatment plant projects. The City obtains all of its drinking water supply from local groundwater resources that are challenged by naturally occurring water quality issues. These include elevated levels of ammonia, arsenic, iron, total organic carbon (TOC) and color. By blending water from its various wells, the City has been largely able to meet its distribution water quality requirements. However, the high level of TOC in the water requires high dosages of chlorine to overcome and to provide residual disinfection within the distribution system. This treatment is not only costly but also results in the creation of disinfection byproducts that cannot be overcome by blending.

Over the past few years, the City and its consultants have pilot tested several treatment process alternatives to address the disinfection byproduct issue and other water quality concerns. This work resulted in the development of an innovative process to treat the wide variety of water quality issues facing the City. The City's Design Build Team consists of agencies JR Filanc, Hazen & Sawyer and AdEdge Water Technologies. They have taken individual proven treatment technology and created a series of processes which is believed to be the first of its kind to address these kinds of water quality challenges. Due to the modular nature of the treatment process, separate wellhead treatment plants will be installed at two of the City's reservoir locations rather than constructing a costly, centralized traditional water treatment plant. The two treatment plants will be constructed on an expedited basis to meet the requirements of the California Department of Drinking Water, with project completion scheduled for mid to late 2020.

The City's water is monitored by the State and we are working within its strictest of policies through using means such as blending and other costly measures. The new treatment plants will significantly improve the quality and reliability of the drinking water supply to our customers with lower operating costs.