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TEMPLETON COMMUNITY SERVICES DISTRICT

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Balancing Water Demand and Supply

DATE: February 17, 2015

FROM: Bettina L. Mayer, PE, District Engineer

The District relies on a combination of several water sources to provide water to its customers during both wet and dry years. Based on the historical water demand of District residents and customers, the District has a good understanding of the amount of water it needs to produce on a daily basis and has developed a sustainable water supply portfolio it can rely on to meet the current needs of the District.

The District operates and maintains 3 river wells and 10 deep groundwater wells located within the Atascadero Basin. Water extracted from these wells include underflow from the Salinas River, riparian rights water, deep percolating groundwater, treated wastewater retrieval, and most recently, the addition of Nacimiento raw water. Each of these supply sources provides a relatively predictable amount of water to the District on an annual basis. The available water supply from all sources is 2,100 AFY. As a comparison, District water production was 1,350 acre feet (AF) of water during the 2014 calendar year.

The District allocates water based on a unit of use, commonly referred to as a water unit. Water units acquired since 2003 are assigned 575 gallons per day (gpd). One water unit is based on the average amount of water used on a daily basis in one single family residence. Commercial properties acquire water based on equivalent water units. Each water unit of use is allocated a portion of the District's water supply.

In addition to providing water to its current customers, the District issued water commitment letters for approximately 800 water units which are not yet connected to the system. These letters were issued based on the proposed project water demand and available supply at the time of the applicant's request. As the economy improves, the District is seeing many projects that have been inactive for several years move forward again. Many are finalizing design and starting construction. The District is obligated to provide water service to those projects to the extent that the units of use do not exceed the amount of water units of use acquired at the time of application. The District does have the water supply capacity to provide water to these projects. There are currently no additional water units available, however, the District maintains a waiting list should additional supply become available.