

TREATMENT PLANT C

Water Works District No. 1 serves approximately 8,650 customers in Ward 1 of Calcasieu Parish through 266 miles of distribution lines. Water for the community is produced by 6 wells and filtered through 2 treatment plants (Treatment Plants A and B). Both plants can provide a combined total of 3.44 million gallons per day (MGD) of treated water with combined storage capacities of an additional 2.3 MG (Million Gallons). However, through the years production trends have reflected a substantial increase in water demands and because of this, the Water District has been planning to increase its capacities with the addition of another treatment plant and 2 added wells. Although daily averages are approximately 2.8 MGD, the most extreme peak demand days can significantly diminish our daily treatment capacities and reduce our additional storage capacities, as was the most recent case of winter storms Uri and Viola in February 2021.

For the past several years, the District has been applying for grant funding to reduce the project cost of a new plant and has now received the approval of a State Capital Outlay Grant to help fund engineering expenses to design Plant C with a filter capacity of 1,500 gallons per minute (GPM) and an expandable future capacity of 3,000 GPM. While planning and engineering are underway, the Water District will continue to apply for additional grant funding to offset construction cost, while closely monitoring production demands.