



PINE-STRAWBERRY WATER IMPROVEMENT DISTRICT

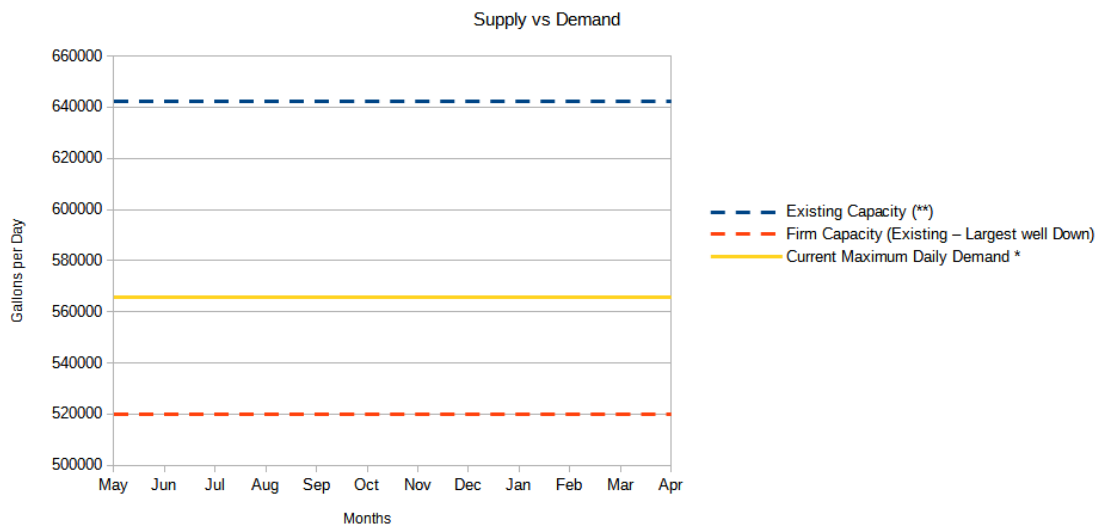
Board Action Item

MEETING DATE:	March 23, 2023
AGENDA ITEM:	
PRESENTER:	George Gorkowski
SUBJECT:	Vice Chairman's Report

Moratorium Update

We are in position to see progress on the partial lifting of the moratorium in the next few months. This will most likely come as a monthly slow release of new meters not a total discontinuation of the moratorium. We will need to monitor our available capacity closely as this occurs. The chart below shows where we are in regards to Capacity, Firm Capacity, and Current Maximum Daily Demand (MDD). Firm capacity shows our capacity with our largest producing well out of service. We operate our water system between the boundaries of Existing Capacity and Firm capacity. As the chart shows, If we were to lose the service of our largest well, we would not have enough water for our MDD. MDD includes the large losses we incur due to our antiquated water lines and their leaks.

Moratorium Progress Chart



Leaks and lost water

There is a lot of work being done to lower our demand and raise our supply. Here are several USDA funded water line that will soon begin. One thing to keep in mind is that for any large project there is a design phase and a construction phase. With the USDA requirements it can take up to a year just to complete the design. The projects below are in the construction phase.

Project	Pipe (ft)
Woodland Heights	13781
Cool Pine Estates Phase A	6467
Whispering Pines	2299
White Oak and Cedar Meadow	4500
Portals 1 + 2	17000

Increases in Water Capacity

We are also attacking the capacity side of the equation by:

1. Reconditioning of current wells to increase their gallon per minute (GPM).
 - a. Brushing and bailing of existing wells
 - b. Upgrading pump motor sizes to increase GPM
 - c. Installing sand filters on existing wells when needed to increase GPM
2. Looking for additional well share agreements or purchasing existing wells
3. Drilling a new "Deep Well" that will go into a much deeper aquifer than existing wells.

As our capacity increase from these projects we will be able to use our data to determine new meter releases and when the moratorium can be fully lifted.

What you can do to help

We all can play a part in helping solve this water capacity shortage.

1. Continue to be "Water Wise" and conserve your water usage. Our lowest tank levels normally occur on Monday after heavy weekend use. Consider moving chores such as Cloths washing to mid week.
2. Check your water meter once a month and report any pooling you discover
3. Report any potential leaks you discover ASAP

In closing, while drought conditions are getting better, PSWID issues are based on water capacity issues with-in our system that need to be addressed. Through leak reduction, increased capacity, and water conservation I believe we can provide a stable water source for our community into the future.

George Gorkowski
PSWID Vice Chairman