

TCCWD May 2024

Operators Report

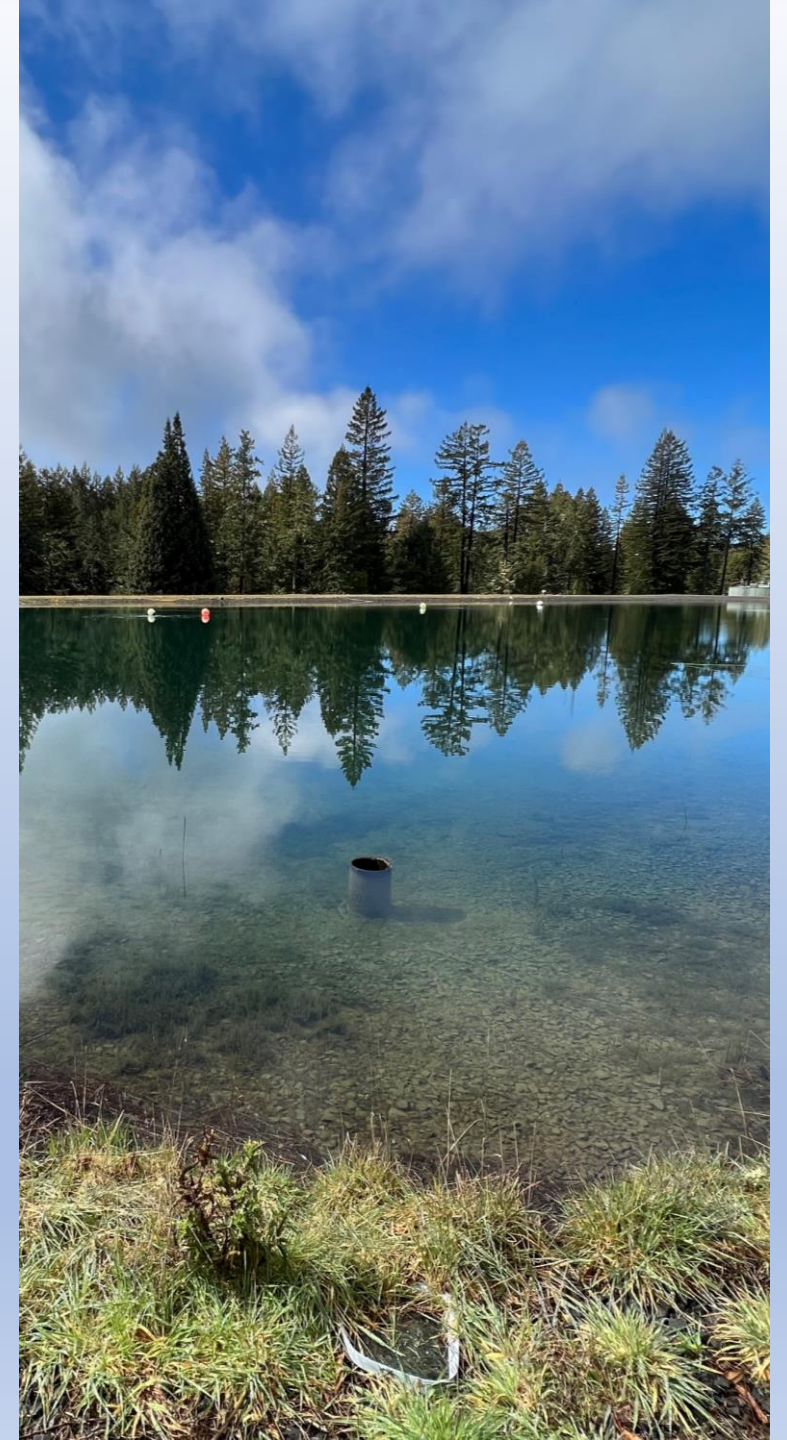


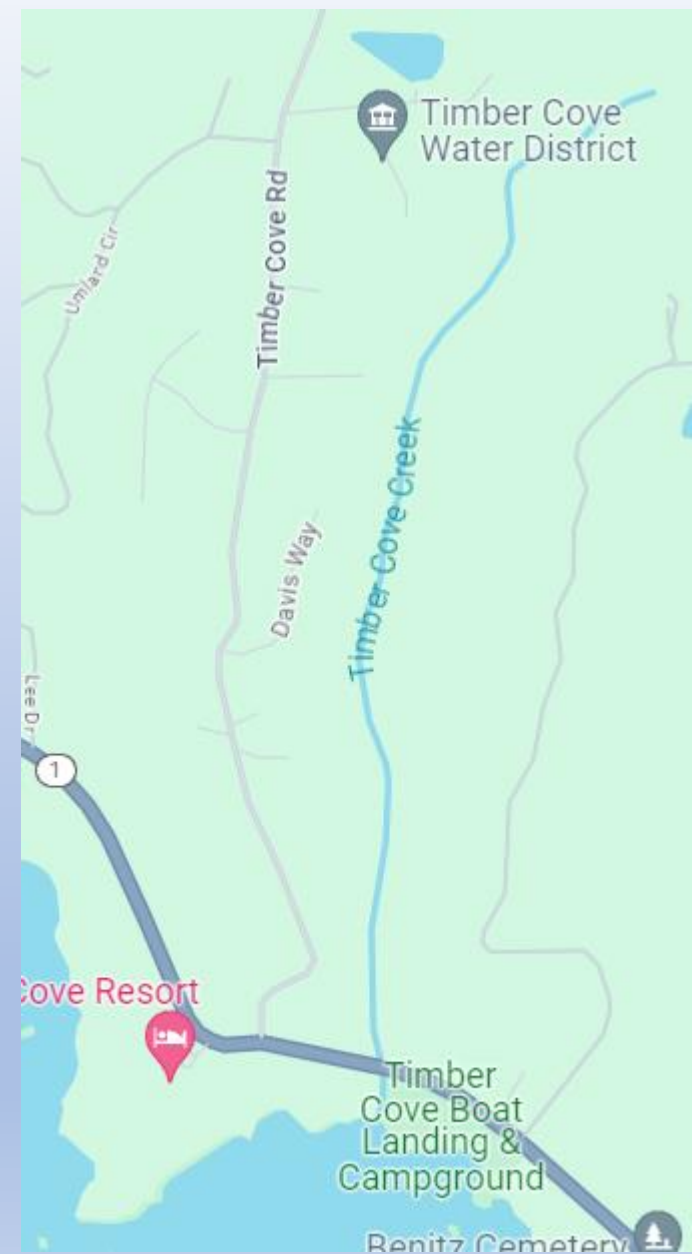
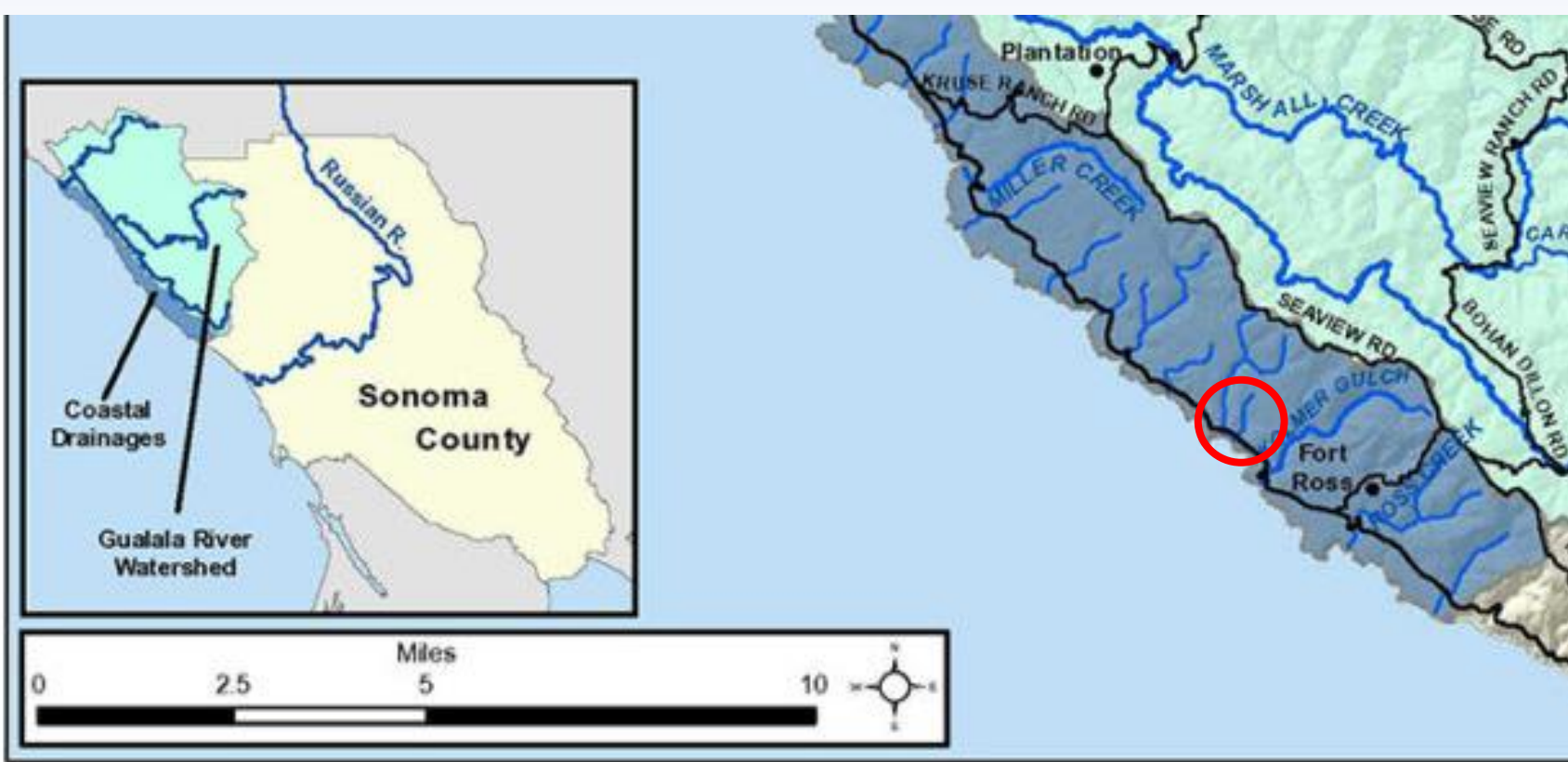
TCCWD Production vs Losses	Gallons	% of Total	Notes	Average GPD
Plant Production:	484,190	100%	Production Meter	15,619
Homeowners:	206,230	43%	% of Production	6,653
Timber Cove Inn:	223,031	46%	% of Production	7,195
Non-Billable Operational useage:	32,500	7%	% of Production	1,048
TCCWD meter	20,000	62%	% of operational useage	
Backwashing Filters	12,500	38%	% of operational useage	
Non-Billable Distribution Useage:	4,500	1%	% of Production	
Water Used from Hydrants (Flushing)	3,000	67%	% of secondary useage	
Water hidden within tanks	-	0%	% of secondary useage	
TCFPD- Fire department	1500	33%	% of secondary useage	
Primary: unaccountable, non-billable loss	17,929	4%	% of production	
Operational usage- Returned to Reservoir:	72,000	222%	% of Operational useage	Includes Raw

429,261 gallons in water sales at 5.7 cents a gallon = \$24,467.88
Loss **down 6%** from last month.

Reservoir Level & Management

- Pumped from Creek in May – 627,031 GAL
- Reservoir Level is currently at Overflow.
- Some residents may have noticed the overflow has been continuously spilling water back down towards the creek.
- I have been testing the raw water pumps and researching continuous operation limits in order to keep the reservoir 100% topped off at all times while we can pump water.
- I'm working on my theory that by capturing as much water from the creek as we are allowed to do, and then letting it naturally flow back down, will help elongate the length of the pumping season.





Operations:

- We had some water theft occur by a Caltrans contractor taking water from hydrants unauthorized for the roadwork on Highway 1 after Ocean Cove.
- We discovered with a mix of minor oddities on SCADA and a community member reporting seeing one of their trucks pull up to the hydrant to take water.
- A combined investigation by Melany, Drew, and myself with photographic evidence led to some formal complaints with Caltrans and a police report. Following that, the contractors project manager reached out to me to schedule a meeting to sort things out.
- The meeting was attended by the Project Manager, John, Melany, and myself. He volunteered information about all known thefts and the amount of water taken. I informed him about CA SB427 and that they were potentially facing \$18,000 in fines for the theft. He offered to pay us for all the water taken, any possible damages, and our time spent, while hoping to reach a water agreement for future use.
- Melany had previously posed the question to our attorney, who informed us we are allowed to sell water to those outside the district if it can be considered an emergency use, which the roadwork does qualify for. From there we determined that in addition to billing them for the water and time related to the theft we would have a water agreement going forward.
- The current agreement is: If the creek is flowing and we can pump water, they can come fill their water truck at the plant (under our supervision and operation) from the raw water line going into the plant. We will charge them by the truck (max fill 1600 gallons) at our normal 5.7 cents a gallon in addition to charging them for 1 hour of operator time per fill. Water sales wise this is roughly \$100 per truck and they come 1-2 times a day, 3-5 days a week, in addition to an hour of operator time per fill. We charged them 11,200 gallons for the theft and 30 hours of operator time.