

May 2024 SWRCB Report

June 10th, 2024

TIMBER COVE COUNTY WATER DISTRICT

Joseph Ball
 System ID: 4900584
 22098 Lyons Court
 Jenner, CA 95450:
 (707) 847-3821

STATE WATER RESOURCES CONTROL BOARD

Amy Santos, EIT
 Water Resource Control Engineer
 Division of Drinking Water
 50 D Street, Suite 200

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 useage- Returned to Reservoir:	72,000	222%	% of Operational useage	Includes Raw

PRODUCTION

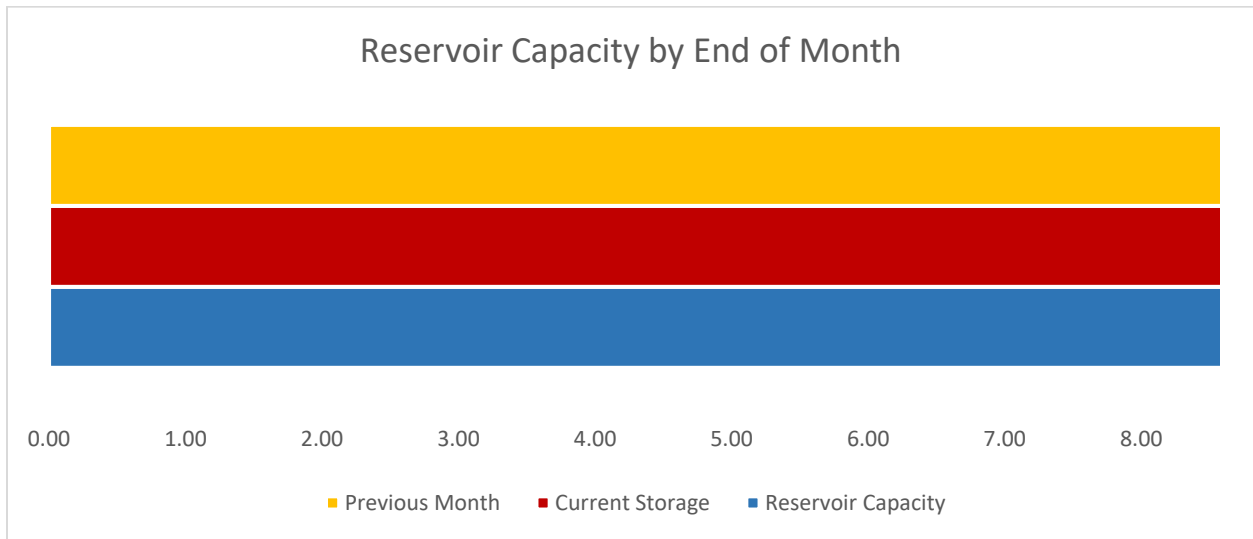
This month we produced a total of 484,190 gallons of finished water according to our meters, averaging around 15,619 gallons per day. 89% of that water made it to customers at around 429,261 gallons, averaging 13,848 gallons per day.

This month we used 8.24 gallons of 12.5% Sodium Hypochlorite and 69.153 pounds of Aluminum Sulfate, which resulted in an average dosing of 7.5 mg/L and 12 mg/L respectively.

The Timber Cove Inn used 223,031 gallons which accounted for 46% of total production or 7,195 gallons per day on average. The Timber Cove Inn’s meter was read on the 1st of June 2024.

TIMBER COVE CREEK DIVERSION (PUMPING)

We pumped a total of 627,387 gallons from the weir to treatment leaving the reservoir water depth at 25’ by the end of the month, leaving us with storage of approximately 9.4 MG of raw water. Overflow is hit at 25 ft according to our readings, or 9.4 million gallons.



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BACKWASHING

Backwashing of both filter trains resulted in 12,500 gallons used.

RETURN TO RESERVOIR

The total amount of water returned to the reservoir was 72,000 gallons. This accounts for 222% of our operational usage which is partially raw water.

LOSSES

Our total final losses are 17,929 gallons, about 4% of Production.

SAMPLING

Routine BacT samples from 002 Res and 004 Distribution System on 05/30/2024. Nitrate and Gross Alpha from 002 Res on 05/30/2024

ALARM TESTING

Tested all alarms on 05/30/2024

MAINTENANCE

CL10 ANALYZER PH AND CHLORINE

CL10 calibrated 05/30/2024

RESERVOIR AERATION

We have officially gotten approval to use our old Aerator if when it needs replacement, we replace it with an NSF certified one. Device was installed 5/28/19.

NTU METERS

Meters were calibrated on 05/30/2024. The CFE TU5300 was calibrated 05/30/2024.

SYSTEM FLUSHING

System flushing was carried out in May, and a total of 3,000 gallons were flushed from the distribution system.

RAW WATER INTAKE

The raw water intake screen was replaced 9/17/21.

OPERATIONAL DIFFICULTIES

Algal Blooms on the reservoir require many man hours to clear.