

# September 2024 SWRCB Report

October 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

Matt Foster, P.E.  
Sanitary Engineer  
Division of Drinking Water  
50 D Street, Suite 200

TCCWD Production vs Losses	Gallons	% of Total	Notes	Average GPD
<b>Plant Production:</b>	<b>417,869</b>	<b>100%</b>	<b>Production Meter</b>	<b>13,929</b>
<b>Homeowners:</b>	<b>146,039</b>	<b>35%</b>	<b>% of Production</b>	<b>4,868</b>
<b>Timber Cove Inn:</b>	<b>94,435</b>	<b>23%</b>	<b>% of Production</b>	<b>3,148</b>
<b>Non-Billable Operational useage:</b>	<b>32,500</b>	<b>8%</b>	<b>% of Production</b>	<b>1,083</b>
TCCWD meter	20,000	62%	% of operational useage	
Backwashing Filters	12,500	38%	% of operational useage	
<b>Non-Billable Distribution Useage:</b>	<b>64,318</b>	<b>15%</b>	<b>% of Production</b>	
Water Used from Hydrants (Flushing)	30,000	47%	% of secondary useage	
Water hidden within tanks	31,318	49%	% of secondary useage	
TCFPD- Fire department	3000	5%	% of secondary useage	
<b>Primary: unaccountable, non-billable loss</b>	<b>80,577</b>	<b>19%</b>	<b>% of production</b>	
<b>Operational usage- Returned to Reservoir:</b>	<b>78,000</b>	<b>240%</b>	<b>% of Operational useage</b>	<b>Includes Raw</b>

## PRODUCTION

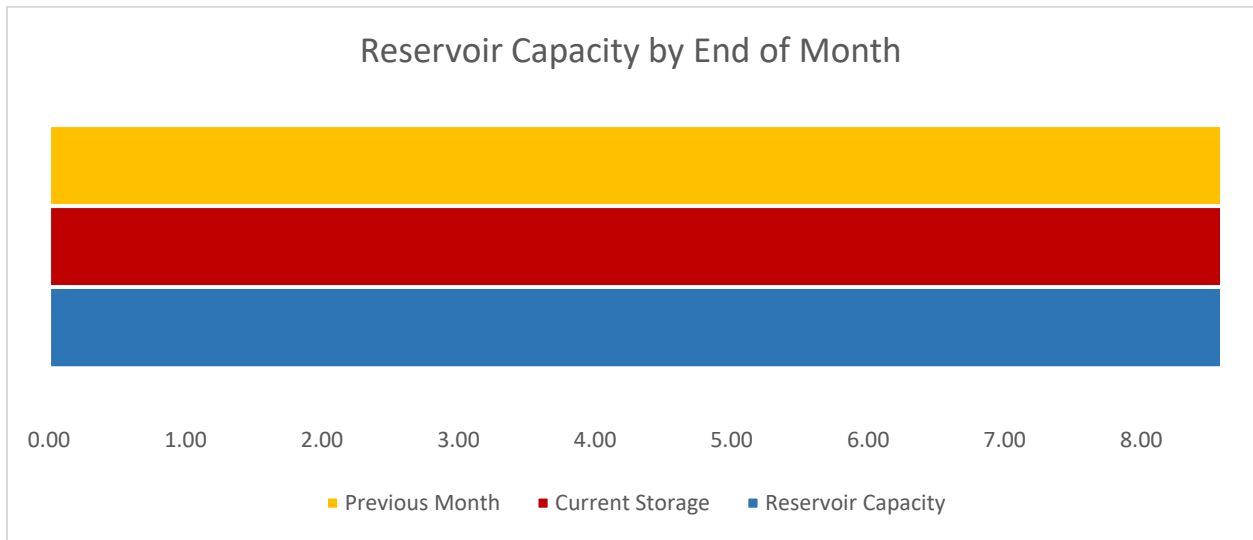
This month we produced a total of 417,869 gallons of finished water according to our meters, averaging around 13,929 gallons per day. 58% of that water made it to customers at around 240,474 gallons, averaging 8,016 gallons per day.

This month we used 16.5 gallons of 12.5% Sodium Hypochlorite and 87 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 94,435 gallons which accounted for 23% of total production or 3,148 gallons per day on average. The Timber Cove Inn’s meter was read on the 4<sup>th</sup> of September 2024.

### TIMBER COVE CREEK DIVERSION (PUMPING)

We pumped a total of 417,869 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.



□

### 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 78,000 gallons. This accounts for 240% of our operational usage, which is partially raw water.

### LOSSES

Our total final losses are 80,577 gallons, about 19% of Production.

### SAMPLING

---

Routine BacT samples from 002 Res and 004 Distribution System on 09/01/2024.

## ALARM TESTING

---

Tested all alarms on 09/30/2024

## MAINTENANCE

---

### CL10 ANALYZER PH AND CHLORINE

CL10 calibrated 09/30/2024

### 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 09/30/2024. The CFE TU5300 was calibrated 09/30/2024.

### SYSTEM FLUSHING

System flushing was carried out in September, and a total of 30,000 gallons were flushed from the distribution system.

### RAW WATER INTAKE

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

## OPERATIONAL DIFFICULTIES

---

A Cla-Val Altitude Valve failed at Tank 2 on 9/12/2024, causing Tank 3 to release a large amount of water into Tank 2. Its capacity was reached in a short amount of time and proceeded to overflow, accounting for roughly 60,000 gallons of our water loss.