

OLYMPIC VALLEY PUBLIC SERVICE DISTRICT



WATER & SEWER OPERATIONS REPORT

DATE: February 23, 2021

TO: District Board Members

FROM: Brandon Burks, Operations Manager

SUBJECT: Operations & Maintenance Report for January 2021 – Information Only

BACKGROUND: The following is a discussion of the District's operations from the month noted

above. It also includes the maintenance activities performed by the Operations Department that are not the subject of a separate report. This report is

formatted to provide new information and recent progress only.

DISCUSSION: Flow Report – January 2021

Water Production: 5.63 MG

Comparison: 3.02 MG less than 2020

Sewer Collection: 5.85 MG

Comparison: 2.68 MG less than 2020

Aquifer Level: January 31, 2021: 6,187.2'

January 31, 2020: N/A (Transducer Failed)

Highest Recorded: 6,192.0' Lowest Recorded: 6,174.0'

Creek Bed Elevation, Well 2: 6,186.9'

Precipitation: January 2021: 4.58"

Season to date total: 9.82"
Season to date average: 19.33"
% to year to date average: 50.81%

Flow Report Notes:

- The *Highest Recorded Aquifer Level* represents a rough average of the highest levels measured in the aquifer during spring melt period.
- The Lowest Recorded Aquifer Level is the lowest level recorded in the

- aquifer at 6,174.0 feet above mean sea level on October 5, 2001. This level is not necessarily indicative of the total capacity of the aquifer.
- The *Creek Bed Elevation* (per Kenneth Loy, West Yost Associates) near Well 2 is 6,186.9 feet.
- *Precipitation Season Total* is calculated from October 2020 through September 2021.
- The true *Season to date Average* could be higher or lower than the reported value due to the uncertainty of the Old Fire Station precipitation measurement during the period 1994 to 2004.
- In October 2011 the data acquisition point for the aquifer was changed from Well 2 to Well 2R.

Leaks and Repairs

Water

- The District issued 8 leak/high usage notifications.
- Responded to zero after-hours customer service calls.

Sewer

Responded to zero after-hours customer service calls.

Vehicles and Equipment

Vehicles

Cleaned vehicles and checked inventory.

Equipment

Cleaned equipment.

Operations and Maintenance Projects

1810 Squaw Valley Road (Old Fire Station)

- Inspected and tested the generator.
- General housekeeping.

305 Squaw Valley Road (Administration and Fire Station Building)

Inspected and tested the generator.

Water System Maintenance

- Two bacteriological tests were taken: one at 410 Forest Glen Road and one at Zone 3 Booster Station; both samples were reported absent.
- Leak detection services performed: three.
- Customer service turn water service on: one.
- Customer service turn water service off: one.
- Responded to zero customer service calls with no water.

Operation and Maintenance Squaw Valley Mutual Water Company

• Basic services.

Sewer System Maintenance

- Check for I and I issues.
- Sewer cleaning.

Telemetry

• The rainfall measurements for the month of January were as follows: Nova Lynx 9.69", Squaw Valley Snotel: 7.40".

Administration

- Monthly California State Water Boards report.
- Adjusted staffing due to COVID-19.

Services Rendered

Underground Service Alerts	(0)
Plan Review	(0)
Pre-remodel inspections	(0)
Final inspections	(3)
Fixture count inspections	(0)
Water service line inspections	(0)
Sewer service line pressure test	(1)
Sewer service line inspections	(0)
Sewer main line inspections	(0)
Water quality complaint investigations	(0)
Water Backflow Inspections	(0)
FOG inspections	(0)
Second Unit inspection	(0)
	Plan Review Pre-remodel inspections Final inspections Fixture count inspections Water service line inspections Sewer service line pressure test Sewer service line inspections Sewer main line inspections Water quality complaint investigations Water Backflow Inspections FOG inspections

Other Items of Interest

• Training – SDRMA Online class, SDRMA Safety Booklet.

ATTACHMENTS: Monthly Water Audit Report

DATE PREPARED: February 12, 2021

Squaw Valley Public Service District - Monthly Water Audit Report

Audit Month:	January	Report Date:	February 22, 2021	Performed By:	Brandon Burks		
Year:	2021	_		· -			
-		Reading begin Date & Time: 2/1/21 8:30 AM					
Meter Reader:	Sam Donahue	Read	ding end Date & Time:				
-			Total lag time:				
	Begin Audit Period:	12/31/20 12:00 AM					
	End Audit Period:						
	=						
	Total Metered C	onsumption for audit	period specified (include	ding hydrant meters):	4,982,342		
				_			
		Additional Consum	nption - Unmetered				
	Fi	ire Department Use: _	5,000				
		Hydrant Flushing:	5,000				
		Blow-Off Flushing:					
		Sewer Cleaning:	10,000				
		Street Cleaning:					
		Well Flushing:					
		Tank Overflows:					
	Unread Mete	er Estimated Reads:					
		Other:					
	Total Unmeter	ed Consumption (for a	audit period specified):	20,000			
		Estimated Los	ss - Unmetered				
		Known Theft: _					
Known Illegal Connections:							
Total Estimated leaks that have been repaired:							
Total Estimated Unmetered (for audit period specified):							
			Total Production for a	udit period specified: _	5,911,926		
	_				5 000 040		
	ļ	otal <u>Metered/Unmete</u>	<u>red</u> Consumption for a	udit period specified:	5,002,342		
Total Water Loss (Production - Consumption): 909,584							
	iotai	water Loss (Produc	tion - Consumption):	909,584			
Comments: The production totals are different than the monthly report due to a different time frame being used. The District continues to investegate leaks.							
THE DISTRICT CONTINUES TO INVESTEGATE TEARS.							

 $^{^{\}star}$ Note - All Production & Consumption Totals In U.S. Gallons *