



OLYMPIC VALLEY PUBLIC SERVICE DISTRICT



WATER & SEWER OPERATIONS REPORT

DATE: March 30, 2021

TO: District Board Members

FROM: Brandon Burks, Operations Manager

SUBJECT: Operations & Maintenance Report for February 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 – February 2021

Water Production:	6.41 MG
Comparison:	2.04 MG less than 2020
Sewer Collection:	7.01 MG
Comparison:	1.13 MG less than 2020
Aquifer Level:	February 28, 2021: 6,187.7'
	February 28, 2020: 6,187.6'
	Highest Recorded: 6,192.0'
	Lowest Recorded: 6,174.0'
Creek Bed Elevation, Well 2:	6,186.9'
Precipitation:	February 2021: 3.84"
	Season to date total: 23.35"
	Season to date average: 36.87"
	% to year to date average: 63.34%

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 9 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 1810 Squaw Valley Road and one at Resort at Squaw Creek; 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 February were as follows:
Nova Lynx 3.84", Squaw Valley Snotel: 3.70".

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 | (1) |
| • Fixture count inspections | (0) |
| • Water service line inspections | (0) |
| • Sewer service line pressure test | (3) |
| • 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) |

Other Items of Interest

- Training – SDRMA Online class, SDRMA Safety Booklet.

ATTACHMENTS: Monthly Water Audit Report

DATE PREPARED: March 12, 2021

Squaw Valley Public Service District - Monthly Water Audit Report

Audit Month: February
Year: 2021

Report Date: March 30, 2021

Performed By: Brandon Burks

Meter Reader: Jason McGathey

Reading begin Date & Time: 3/1/21 8:30 AM

Reading end Date & Time: 3/1/21 1:30 PM

Total lag time: 6 Hours

Begin Audit Period: 2/1/21 12:00 AM

End Audit Period: 3/1/21 12:00 AM

Total Metered Consumption for audit period specified (including hydrant meters): 5,543,488

Additional Consumption - Unmetered

Fire Department Use: 10,000

Hydrant Flushing: 5,000

Blow-Off Flushing:

Sewer Cleaning: 10,000

Street Cleaning:

Well Flushing:

Tank Overflows:

Unread Meter Estimated Reads:

Other:

Total Unmetered Consumption (for audit period specified): 25,000

Estimated Unknown Loss - Unmetered

Known Theft:

Known Illegal Connections:

Total Estimated leaks that have been repaired:

Total Estimated Unmetered (for audit period specified):

Total Production for audit period specified: 6,412,209

Total Metered/Unmetered Consumption for audit period specified: 5,568,488

Total Water Loss (Production - Consumption): 843,721

Comments: The production totals are different than the monthly report due to a different time frame being used.

* Note - All Production & Consumption Totals In U.S. Gallons *