



# OLYMPIC VALLEY PUBLIC SERVICE DISTRICT



## WATER & SEWER OPERATIONS REPORT

**DATE:** December 15, 2020

**TO:** District Board Members

**FROM:** Brandon Burks, Operations Manager

**SUBJECT:** Operations & Maintenance Report for November 2020 – 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 – November 2020

Water Production:		4.76 MG
Comparison:		0.40 MG less than 2019
Sewer Collection:		4.11 MG
Comparison:		0.79 MG more than 2019
Aquifer Level:	November 30, 2020:	6,179.2'
	November 30, 2019:	6,185.3'
	Highest Recorded:	6,192.0'
	Lowest Recorded:	6,174.0'
Creek Bed Elevation, Well 2:		6,186.9'
Precipitation:	November 2020:	5.24"
	Season to date total:	5.24"
	Season to date average:	9.74"
	% to year to date average:	53.79%

**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 4 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: two.
- Customer service turn water service on: zero.
- Customer service turn water service off: zero.
- Responded to zero customer service calls with no water.
- Fall flushing of hydrants and blow offs was completed.

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 November were as follows:  
Nova Lynx 5.24", Squaw Valley Snotel: 5.30".

Administration

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

Services Rendered

- Underground Service Alerts (2)
- Plan Review (0)
- Pre-remodel inspections (0)
- Final inspections (2)
- Fixture count inspections (0)
- Water service line inspections (2)
- Sewer service line pressure test (14)
- Sewer service line inspections (1)
- Sewer main line inspections (0)
- Water quality complaint investigations (0)
- Water Backflow Inspections (0)
- FOG inspections (1)
- Second Unit inspection (0)

Other Items of Interest

- Training – SDRMA Online class, SDRMA Safety Booklet.

**ATTACHMENTS:** Monthly Water Audit Report

**DATE PREPARED:** December 4, 2020



# OLYMPIC VALLEY PUBLIC SERVICE DISTRICT



## WATER & SEWER OPERATIONS REPORT

**DATE:** November 17, 2020

**TO:** District Board Members

**FROM:** Brandon Burks, Operations Manager

**SUBJECT:** Operations & Maintenance Report for October 2020 – 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 – October 2020

Water Production:		8.25 MG
Comparison:		1.33 MG more than 2019
Sewer Collection:		4.34 MG
Comparison:		0.54 MG more than 2019
Aquifer Level:	October 31, 2020:	6,178.3'
	October 31, 2019:	6,186.4'
	Highest Recorded:	6,192.0'
	Lowest Recorded:	6,174.0'
Creek Bed Elevation, Well 2:		6,186.9'
Precipitation:	October 2020:	0.00"
	Season to date total:	0.00"
	Season to date average:	3.05"
	% to year to date average:	0.00%

**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 11 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: zero.
- Customer service turn water service off: zero.
- 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.
- System wide manhole inspections.

Telemetry

- The rainfall measurements for the month of October were as follows:  
Nova Lynx 0.00", Squaw Valley Snotel: 0.20".

Administration

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

Services Rendered

- Underground Service Alerts (27)
- Plan Review (0)
- Pre-remodel inspections (0)
- Final inspections (1)
- Fixture count inspections (0)
- Water service line inspections (2)
- Sewer service line pressure test (8)
- Sewer service line inspections (3)
- 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:** November 6, 2020

# Olympic Valley Public Service District - Monthly Water Audit Report

Audit Month: October Report Date: November 17, 2020 Performed By: Brandon Burks  
Year: 2020  
Meter Reader: Jason McGathey Reading begin Date & Time: 10/30/20 9:00 AM  
Reading end Date & Time: 10/30/20 12:00 PM  
Total lag time: 3:00:00  
Begin Audit Period: 10/1/20 12:00 AM  
End Audit Period: 10/30/20 12:00 AM

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Total Metered Consumption for audit period specified (including hydrant meters): 6,500,172

Additional Consumption - Unmetered  
Fire Department Use: 10,000  
Hydrant Flushing: 55,000  
Blow-Off Flushing: \_\_\_\_\_  
Sewer Cleaning: 15,000  
Street Cleaning: \_\_\_\_\_  
Well Flushing: \_\_\_\_\_  
Tank Overflows: \_\_\_\_\_  
Unread Meter Estimated Reads: \_\_\_\_\_  
Other: \_\_\_\_\_  
Total Unmetered Consumption (for audit period specified): 80,000

Estimated Unknown Loss - Unmetered  
Known Theft: \_\_\_\_\_  
Known Illegal Connections: \_\_\_\_\_  
Total Estimated leaks that have been repaired: \_\_\_\_\_  
Total Estimated Unmetered (for audit period specified): \_\_\_\_\_

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Total Production for audit period specified: 7,954,629

Total Metered/Unmetered Consumption for audit period specified: 6,580,172

**Total Water Loss (Production - Consumption): 1,374,457**

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**Comments:** The production totals are different than the monthly report due to a different time frame being used.  
The District continues to investigate leaks.

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