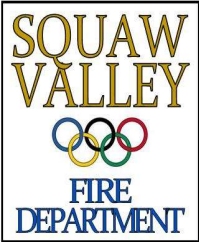




SQUAW VALLEY PUBLIC SERVICE DISTRICT



WATER & SEWER OPERATIONS REPORT

DATE: July 28, 2020

TO: District Board Members

FROM: Brandon Burks, Operations Superintendent

SUBJECT: Operations & Maintenance Report for June 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 – June 2020

Water Production:		11.08 MG
Comparison:		0.59 MG less than 2019
Sewer Collection:		4.54 MG
Comparison:		1.70 MG less than 2019
Aquifer Level:	June 30, 2020:	6,187.2'
	June 30, 2019:	6,188.6'
	Highest Recorded:	6,192.0'
	Lowest Recorded:	6,174.0'
Creek Bed Elevation, Well 2:		6,186.9'
Precipitation:	June 2020:	0.83"
	Season to date total:	30.75"***
	Season to date average:	51.14"
	% to year to date average:	60.13%

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 2019 through September 2020.
- 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.
- **Rain data for March and April 2020 was estimated using available data.

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: one.
- 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.

Telemetry

- The rainfall measurements for the month of June were as follows:
Nova Lynx 0.83", Squaw Valley Snotel: 1.10".

Administration

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

Services Rendered

- Underground Service Alerts (12)
- Plan Review (2)
- Pre-remodel inspections (0)
- Final inspections (1)
- Fixture count inspections (0)
- Water service line inspections (7)
- Sewer service line pressure test (3)
- Sewer service line inspections (6)
- 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: July 13, 2020

Squaw Valley Public Service District - Monthly Water Audit Report

Audit Month: June
Year: 2020

Report Date: July 17, 2020

Performed By: Brandon Burks

Meter Reader: Jason McGathey

Reading begin Date & Time: 7/1/20 8:30 AM

Reading end Date & Time: 7/1/20 11:00 AM

Total lag time: 2:30:00

Begin Audit Period: 5/29/20 12:00 AM

End Audit Period: 7/1/20 12:00 AM

Total Metered Consumption for audit period specified (including hydrant meters): 10,429,171

Additional Consumption - Unmetered

Fire Department Use: 5,000

Hydrant Flushing: 45,000

Blow-Off Flushing: _____

Sewer Cleaning: 25,000

Street Cleaning: _____

Well Flushing: 120,000

Tank Overflows: _____

Unread Meter Estimated Reads: _____

Other: _____

Total Unmetered Consumption (for audit period specified): 195,000

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: 12,012,658

Total Metered/Unmetered Consumption for audit period specified: 10,624,171

Total Water Loss (Production - Consumption): 1,388,487

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 *