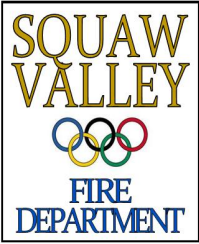




SQUAW VALLEY PUBLIC SERVICE DISTRICT



WATER & SEWER OPERATIONS REPORT

DATE: April 28, 2020

TO: District Board Members

FROM: Brandon Burks, Operations Superintendent

SUBJECT: Operations & Maintenance Report for March 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 – March 2020

Water Production:		6.86 MG
Comparison:		2.1 MG less than 2019
Sewer Collection:		5.97 MG
Comparison:		4.72 MG less than 2019
Aquifer Level:	March 31, 2020:	6,187.9'
	March 31, 2019:	6,188.1'
	Highest Recorded:	6,192.0'
	Lowest Recorded:	6,174.0'
Creek Bed Elevation, Well 2:		6,186.9'
Precipitation:	March 2020:	7.20"***
	Season to date total:	24.80"***
	Season to date average:	44.64"
	% to year to date average:	55.56%

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 2020 was estimated using available data.

Leaks and Repairs

Water

- The District issued 6 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

- Annual Maintenance.
- Cleaned vehicles and checked inventory.

Equipment

- Annual Maintenance.

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: 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.
- Sewer Flushing related to low flows and potential for wipes being flushed.

Telemetry

- The rainfall measurements for the month of March were as follows:
Nova Lynx N/A, Squaw Valley Snotel: 8.80”.
- Nova Lynx failed in March.

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 (0)
- Fixture count inspections (0)
- Water service line inspections (0)
- Sewer service line inspections (0)
- Sewer main line inspections (0)
- Water quality complaint investigations (0)
- Water Backflow Inspections (0)
- FOG inspections (0)
- Toilet Rebate inspections (0)
- Second Unit inspection (0)

Other Items of Interest

- Training – SDRMA Online class, SDRMA Safety Booklet.

ATTACHMENTS: Monthly Water Audit Report

DATE PREPARED: April 18, 2020

Squaw Valley Public Service District - Monthly Water Audit Report

Audit Month: March Report Date: April 9, 2020 Performed By: Brandon Burks
 Year: 2020

Meter Reader: Jason Mcgathey Reading begin Date & Time: 3/31/20 9:00 AM
 Reading end Date & Time: 3/31/20 1:00 PM
 Total lag time: 4:00:00

Begin Audit Period: 3/2/2020
 End Audit Period: 3/31/2020

Total Metered Consumption for audit period specified (including hydrant meters): 4,199,516

Additional Consumption - Unmetered

Fire Department Use: 10,000
 Hydrant Flushing: 10,000
 Blow-Off Flushing: _____
 Sewer Cleaning: 125,000
 Street Cleaning: _____
 Well Flushing: _____
 Tank Overflows: _____
 Unread Meter Estimated Reads: 84,100
 Other: _____
 Total Unmetered Consumption (for audit period specified): 229,100

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: 6,498,891

Total Metered/Unmetered Consumption for audit period specified: 4,473,616

Total Water Loss (Production - Consumption): 2,025,275

Comments: The production totals are different than the monthly report due to a different time frame being used. The District continues to look for unmetered water loss.

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