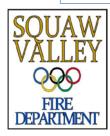


SQUAW VALLEY PUBLIC SERVICE DISTRICT



WATER & SEWER OPERATIONS REPORT

DATE: July 30, 2019

TO: District Board Members

FROM: Brandon Burks, Operations Superintendent

SUBJECT: Operations & Maintenance Report for <u>June 2019</u> – 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 2019

Water Production: 11.67 MG

Comparison: 0.78 MG less than 2018

Sewer Collection: 6.24 MG

Comparison: 1.06 MG more than 2018

Aquifer Level: June 30, 2019: 6,188.6'

June 30, 2018: 6,187.1'
Highest Recorded: 6,192.0'
Lowest Recorded: 6,174.0'

Creek Bed Elevation, Well 2: 6,186.9'

Precipitation: June 2019: 0.18"

Season to date total: 69.44"
Season to date average: 51.51"
% to year to date average: 134.80%

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 2018 through September 2019.
- 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

None.

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: zero.
- 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.

<u>Sewer System Maintenance</u>

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

Telemetry

• The rainfall measurements for the month of June were as follows: Nova Lynx 0.18", Squaw Valley Snotel: 0.30".

Administration

- Monthly California State Water Boards report.
- Backflow program nearing completion for 2019.

Services Rendered

•	Underground Service Alerts	(16)
•	Plan Review	(5)
•	Pre-remodel inspections	(0)
•	Final inspections	(0)
•	Fixture count inspections	(0)
•	Water service line inspections	(1)
•	Sewer service line inspections	(3)
•	Sewer main line inspections	(0)
•	Water quality complaint investigations	(0)
•	Water Backflow Inspections	(2)
•	FOG inspections	(0)
•	Toilet Rebate Inspections	(0)

Other Items of Interest

• Training – SDRMA Online class, SDRMA Safety Booklet.

ATTACHMENTS: Monthly Water Audit Report

DATE PREPARED: July 17, 2019

Squaw Valley Public Service District - Monthly Water Audit Report

Neter Reader: Jason McGathey Reading begin Date & Time: 7/1/19 8:30 AM Total lag time: 2:30:00	Audit Month:	June	Report Date:	July 17, 2019	Performed By: _	Brandon Burks				
Reading end Date & Time: Total lag time: 2:30:00	Year:	2019		_	_					
Total lag time: 2:30:00 Begin Audit Period: 5/31/19 12:00 AM End Audit Period: 7/1/19 12:00 AM Total Metered Consumption for audit period specified (including hydrant meters): 9,972,533 Additional Consumption - Unmetered Fire Department Use: 5,000 Hydrant Flushing: 75,000 Blow-Off Flushing: 25,000 Street Cleaning: 25,000 Street Cleaning: 170,000 Well Flushing: 170,000 Other: 1701 Unread Meter Estimated Reads: 170,000 Other: 1701 Unmetered Consumption (for audit period specified): 275,000 Estimated Unknown Loss - Unmetered Known Illegal Connections: 1701 Intel Estimated leaks that have been repaired: 1701 Total Estimated Unmetered (for audit period specified): 11,795,247 Total Estimated Unmetered Consumption for audit period specified: 10,247,533 Total Water Loss (Production - Consumption): 1,547,714 Comments: The production totals are different than the monthly report due to a different time frame										
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^{*} Note - All Production & Consumption Totals In U.S. Gallons *