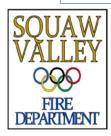


SQUAW VALLEY PUBLIC SERVICE DISTRICT



WATER & SEWER OPERATIONS REPORT

DATE: August 27, 2019

TO: District Board Members

FROM: Brandon Burks, Operations Superintendent

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

Water Production: 16.48 MG

Comparison: 0.66 MG more than 2018

Sewer Collection: 7.14 MG

Comparison: 0.29 MG more than 2018

Aquifer Level: July 31, 2019: 6,187.1'

July 31, 2018: 6,185.8' Highest Recorded: 6,192.0' Lowest Recorded: 6,174.0'

Creek Bed Elevation, Well 2: 6,186.9'

Precipitation: July 2019: 0.00"

Season to date total: 69.44"
Season to date average: 51.97"
% to year to date average: 133.63%

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 14 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 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.

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 July were as follows: Nova Lynx 0.00", Squaw Valley Snotel: 0.00".

Administration

- Monthly California State Water Boards report.
- Backflow program nearing completion for 2019.
- Prepared for State Division of Drinking Water inspection.

Services Rendered

•	Underground Service Alerts	(19)
•	Plan Review	(3)
•	Pre-remodel inspections	(0)
•	Final inspections	(1)
•	Fixture count inspections	(0)
•	Water service line inspections	(1)
•	Sewer service line inspections	(0)
•	Sewer main line inspections	(0)
•	Water quality complaint investigations	(0)
•	Water Backflow Inspections	(4)
•	FOG inspections	(0)
•	Toilet Rebate inspections	(0)
•	Second Unit inspection	(2)

Other Items of Interest

• Training – SDRMA Online class, SDRMA Safety Booklet.

ATTACHMENTS: Monthly Water Audit Report

DATE PREPARED: August 19, 2019

Squaw Valley Public Service District - Monthly Water Audit Report

Audit Month:	July	Report Date:	August 15, 2019	Performed By:	Brandon Burks			
Year:	2019			·				
•		Reading b						
Meter Reader	Jason Mcgathey							
Wictor Redder.	oason mogatiley	rtodding	Total lag time:	7/31/19 11:30 AM				
			Total lag time.	3.00.00				
	D : A !! D : I	7/4/40 40 00 414						
	Begin Audit Period:							
	End Audit Period:	7/31/19 12:00 AM						
	14,097,229							
		Additional Consum	ption - Unmetered					
	Fi	re Department Use:	75,000					
		Hydrant Flushing:	10.000					
		Blow-Off Flushing	10,000					
		Blow-Off Flushing: Sewer Cleaning:	5,000					
		Street Cleaning:	3,000					
		Well Flushing.						
		vveii Flusning:						
		Tank Overflows:						
	Unread Mete	er Estimated Reads:						
		Other:						
	Total Unmetered Co	onsumption (for audi	t period specified):	90,000				
		Estimated Unknown	Loca Unmatarad					
	17	Known meit.						
	Estimated leaks that I	Illegal Connections:						
lotal								
		Tota	al Production for au	dit period specified:	15,871,988			
	14,187,229							
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	Total Wate	er Loss (Production	- Consumption):	1,684,759				
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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 search for leaks. Two leaks are currently being repaired.								

^{*} Instructions - Only fill in the blue cells *

 $^{^{\}star}$ Note - All Production & Consumption Totals In U.S. Gallons *

^{***} Note - Total Water Loss Percentage including theft, Illegal Connections or Leaks that have been repaired