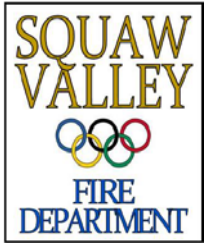




SQUAW VALLEY PUBLIC SERVICE DISTRICT



WATER & SEWER OPERATIONS REPORT

DATE: May 28, 2019

TO: District Board Members

FROM: Brandon Burks, Operations Superintendent

SUBJECT: Operations & Maintenance Report for April 2019 – 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 – April 2019

Water Production:	8.00 MG
Comparison:	1.34 MG less than 2018
Sewer Collection:	11.90 MG
Comparison:	2.56 MG more than 2018
Aquifer Level: April 30, 2019:	6,190.3'
April 30, 2018:	6,190.2'
Highest Recorded:	6,192.0'
Lowest Recorded:	6,174.0'
Creek Bed Elevation, Well 2:	6,186.9'
Precipitation: April 2019:	3.69"
Season to date total:	63.43"
Season to date average:	48.62"
% to year to date average:	130.45%

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 17 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.
- Annual Maintenance.

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 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.
- Hydrant flushing and valve turning.

Operation and Maintenance Squaw Valley Mutual Water Company

- Basic services.

Sewer System Maintenance

- Check for I and I issues.
- High Priority sewer cleaning.

Telemetry

- The rainfall measurements for the month of April were as follows:
Nova Lynx 3.69", Squaw Valley Snotel: 4.10".

Administration

- Monthly California State Water Boards report.
- SWRCB DDW Electronic Annual Report for 2018.

Services Rendered

- Underground Service Alerts (2)
- Plan Review (2)
- Pre-remodel inspections (1)
- Final inspections (2)
- 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)

Other Items of Interest

- Training – SDRMA Online class, SDRMA Safety Booklet.

ATTACHMENTS: Monthly Water Audit Report

DATE PREPARED: May 13, 2019

Squaw Valley Public Service District - Monthly Water Audit Report

Audit Month: April Report Date: May 15, 2018 Performed By: Brandon Burks
Year: 2019

Meter Reader: Jason Mcgathey Reading begin Date & Time: 4/30/19 8:30 AM
Reading end Date & Time: 4/30/19 12:00 PM
Total lag time: 3.5 hours

Begin Audit Period: 4/1/19 12:00 AM
End Audit Period: 4/30/19 12:00 AM

Total Metered Consumption for audit period specified (including hydrant meters): 5,826,657

Additional Consumption - Unmetered

Fire Department Use: 10,000
Hydrant Flushing: 1,717,122
Blow-Off Flushing: 50,000
Sewer Cleaning: 6,000
Street Cleaning: _____
Well Flushing: _____
Tank Overflows: _____
Unread Meter Estimated Reads: _____
Other: _____

Total Unmetered Consumption (for audit period specified): 1,783,122

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: 7,833,570

Total Metered/Unmetered Consumption for audit period specified: 7,609,779

Total Water Loss (Production - Consumption): 223,791

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. Hydrant flushing and valve turning has finished.
