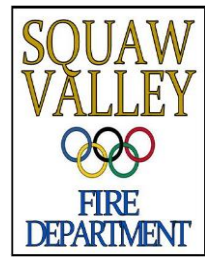




# SQUAW VALLEY PUBLIC SERVICE DISTRICT



## CAPITAL PROJECTS REPORT

**DATE:** July 28, 2015  
**TO:** District Board Members  
**FROM:** Jesse McGraw, Operations Manager  
**SUBJECT:** Capital Projects Report – Information Only

### BACKGROUND:

The following list provides a limited status report regarding Capital Projects for the Utility and Administration Departments. Provided are budget figures, along with commitments for pending projects and actual expenditures for completed projects.

### DISCUSSION:

1. Work on the Water Operations Plan is suspended during construction season. *Chapter 8 Emergency Response Plan* is being circulated to CDPH for review.
2. Water and Sewer Master Plan Update projects are moving forward with Task 1, Data Collection.
3. Implementation of the SCADA Master Plan Phase II is beginning with the consultant issued a notice to proceed.
4. Work on the Redundant Water Supply project is progressing with Farr West Engineering authorized to begin the Phase III work.
5. The Water System Inspections and Repairs project is being implemented with replacement of the Well 5R chemical tank ordered and tank inspections scheduled for August.
6. Painting of the Old Headquarters building is complete at 1810 SV Road; painting of the Utility Garage will include replacement of old fogged and stained windows over the vehicle bay doors. Staff is investigating landscape options to improve the aesthetics.

7. Work began on the Indian Trail 2" Water Line Replacement project with a construction easement request sent to affected homeowners. Line locations are pending to determine if new easements are needed for separation from the sewer.
8. The revised Village Water Supply Assessment (WSA) is near completion; staff met with the consultant team over comments to the draft, a final report and presentation is scheduled for the July Board meeting.
9. Auerbach Engineering completed the Technical Design Memorandum for the Granite Chief subdivision A-Line Replacement. Staff prepared a response outlining the preferred alternative that will result in clear access and ultimately dedication of the facilities.

**ATTACHMENTS:**

2015-2016 Capital Budget Project Status Worksheet

**DATE PREPARED:**

July 20, 2015

**2015-2016 BUDGET CAPITAL PROJECTS STATUS  
UTILITY DEPARTMENT  
July 2015**

**PROJECT NAME      BUDGETED      COMMITTED      STATUS**

1	Water Operations Plan	\$	\$	Work Suspended During Construction Season
2	Water Master Plan Update	\$ 85,000	\$ 83,900	Task 1-Data collection progressing, PCWA Grant \$10,000 awarded
3	Groundwater Management Plan	\$ 35,000	\$	5 year report pending proposal
4	Intersection Manhole A29	\$ 10,000	\$	On Hold
5	Sewer Master Plan Update	\$ 75,000	\$ 75,300	Task 1-Data Collection progressing
6	Capital Replacement Rate Analysis	\$ 25,000	\$	Pending Master Plan Updates
7	Easement Abatement	\$ 10,000	\$	In Work
8	VueWorks (Water & Sewer)	\$ 30,000	\$	On Hold
9	TV Inspection 25% & Laterals	\$ 55,000	\$	On Hold
10	2" Water Main Indian Trail	\$ 50,000	\$	Line Locations Pending
11	SCADA Upgrade (Water & Sewer)	\$ 62,000	\$	Contractor Issued Notice to Proceed
12	Water System Inspection/ Repairs	\$ 40,000	\$	Well 5R Chem. Tank Ordered, Tank Inspections Scheduled for August
13	Roof Repair 1810	\$ 40,000	\$	On Hold
14	Painting Stucco Repairs 1810	\$ 10,000	\$	Preparing RFP
15	Ford Explorer (Replace 1997)	\$ 30,000	\$	Obtaining Quotes
16	Medium/ Large Field Equipment	\$ 10,000	\$	New Wacker Purchased
17	Phone System Repairs	\$ 10,000	\$	Soliciting Quote
18	HVAC System Repairs	\$ 20,000	\$	On Hold
	<b>Grant Funded Projects</b>			
19	Redundant Water Supply CO	\$ 175,000	\$ 175,000	2015 Phase III Work in Progress
20	Redundant Water Supply	\$ 160,000	\$	Grant Matching Funds CEQA
21	Mutual Intertie	\$ 20,000	\$	Grant Match Funds
22	Aquifer Monitoring Program	\$ 12,760	\$	Grant Match Funds
	<b>TOTALS</b>	<b>\$ 1,015,289</b>	<b>\$ 611,868</b>	

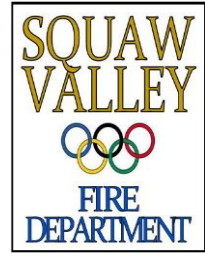
**2015-2016 COMPLETED PROJECTS  
UTILITY DEPARTMENT**

**PROJECT NAME      BUDGETED      EXPENDED      STATUS**

1				
2				
3				
4				
5				
6				
	<b>TOTALS</b>	<b>\$</b>	<b>\$</b>	



# SQUAW VALLEY PUBLIC SERVICE DISTRICT



## OPERATIONS & MAINTENANCE REPORT

**DATE:** July 28, 2015

**TO:** District Board Members

**FROM:** Brandon Burks, Operations Specialist III

**SUBJECT:** Operations & Maintenance Report for June 2015 – Information Only

**BACKGROUND:** The discussion section below provides information on 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:**

1. Flow Report –June 2015

a. Water Production:	10.04	MG	
Comparison:	5.31	MG less than 2014	
b. Sewer Collection:	5.08	MG	
Comparison:	0.01	MG more than 2014	
c. Aquifer Level:	June 30, 2015	= 6,187.1'	
	June 30, 2014	= 6,186.8'	
	Highest Recorded	= 6,192.0'	
	Lowest Recorded	= 6,174.0'	
d. Creek Bed Elevation:	Well 2	= 6,186.9'	
e. Precipitation:	June 2015	= 1.27"	
	Season to date total	= 35.37"	
	51 Yr. Season to date Avg., Old Fire Station	= 49.41"	
	Season Total to date of 51 Year to date average	= 71.58%	

### 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 2014 through September 2015.
- The true *Season Total of 51 Year 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.

## 2. Leaks and Repairs

### a. Water

1. The District issued fourteen leak/high usage notifications.
2. Responded to zero after-hours customer service call.

### b. Sewer

1. Responded to zero after-hours customer service calls.
2. Identified and located manholes for bolt down manhole lids.

## 3. Vehicles and Equipment

### a. Vehicles

1. Cleaned vehicles and checked inventory.

### b. Equipment

1. None.

## 4. Operations and Maintenance Projects

### a. 1810 Squaw Valley Road (Old Fire Station).

1. Inspected and tested the generator.
2. General housekeeping.

### b. 305 Squaw Valley Road (Administration and Fire Station Building)

1. Inspected and tested the generator.

### c. Water System Maintenance

1. Two bacteriological tests taken: one at 410 Forest Glen Road and one at Resort at Squaw Creek; both samples were reported absent.
2. Leak detection services performed: three
3. Customer service turn water service on: zero
4. Customer service turn water service off: zero

- 5. Responded to zero customer service call with no water.
  - 6. Replaced zero failed water meters.
- d. Operation and Maintenance Squaw Valley Mutual Water Company
    - 1. Checked system for correct meter information.
    - 2. Work through communication issues with XIO system.
  - e. Sewer System Maintenance
    - 1. Check for I and I issues.
  - f. Telemetry
    - 1. The rainfall measurements for the month of June were as follows: Nova Lynx 1.27", Carl Gustafson: 1.08", Squaw Valley Snotel: 1.20".
    - 2. Assist on SCADA upgrade.
  - g. Administration
    - 1. Monthly California State Water Boards report.
    - 2. Worked on implementation of VUE Works
5. Services Rendered
- a. Underground Service Alerts (24)
  - b. Pre-remodel inspections (2)
  - c. Final inspections (0)
  - d. Fixture count inspections (0)
  - e. Water service line inspections (1)
  - f. Sewer service line inspections (2)
  - g. Sewer main line inspections (0)
  - h. Water quality complaint investigation (0)
  - i. Water Backflow Inspections (0)
  - j. FOG inspections (0)

Other Items of Interest

- K. Training – SDRMA Online class, SDRMA Safety Booklet.

6. Drought Preparedness

Squaw Valley received 1.27 inches of precipitation for the month of June. The aquifer level dropped to 6187.1 feet ASL on May 31, 2015. The aquifer is 0.3 feet higher than last year at this time.

The District staff continues to monitor the aquifer and precipitation levels and will continue to advise the Board of changes in conditions that may warrant action. Staff continues to meet to discuss current drought conditions.

**ATTACHMENTS:** Monthly Water Audit Report

**DATE PREPARED:** July 21, 2015

## Squaw Valley Public Service District - Monthly Water Audit Report

Audit Month: June Report Date: July 16, 2015 Performed By: Brandon Burks  
 Year: 2015

Meter Reader: Devin Walsh Reading begin Date & Time: 6/30/15 8:30 AM  
 Reading end Date & Time: 6/30/15 11:00 AM  
 Total lag time: 2:30:00

Begin Audit Period: 6/1/15 12:00 AM  
 End Audit Period: 6/30/15 12:00 AM

Total Metered Consumption for audit period specified (including hydrant meters): 7,991,603

Additional Consumption - Unmetered

Fire Department Use: 5,000  
 Hydrant Flushing: \_\_\_\_\_  
 Blow-Off Flushing: \_\_\_\_\_  
 Sewer Cleaning: \_\_\_\_\_  
 Street Cleaning: \_\_\_\_\_  
 Well Flushing: \_\_\_\_\_  
 Tank Overflows: \_\_\_\_\_  
 Unread Meter Estimated Reads: \_\_\_\_\_  
 Other: \_\_\_\_\_

Total Unmetered Consumption (for audit period specified): \_\_\_\_\_

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: 9,734,437

Total Metered/Unmetered Consumption for audit period specified: 7,996,603

**Total Water Loss (Production - Consumption): 1,737,834**

**Comments:** The production totals are different than the monthly report due to a different time frame being used. A leaking broken meter was repaired in the Painted Rock subdivision. The commercial meter testing will be finished in July. The residential meter check will continue in July. The District continues to look for leaks.

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