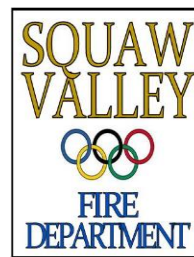




## SQUAW VALLEY PUBLIC SERVICE DISTRICT



### CAPITAL PROJECTS REPORT

**DATE:** January 27, 2014

**TO:** District Board Members

**FROM:** Jesse McGraw, Operations Manager

**SUBJECT:** Capital Projects Report – Information Only

#### BACKGROUND:

The following list provides a limited status 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. Staff has completed the first 5 chapters of the Water Operations Plan; work on Chapter 6 Standard Operating Procedures is progressing; maintenance personnel are presently working on individual SOP's. Chapter 8 Emergency Response Plan became a complete rewrite and is about 80% complete.
2. Implementation of the SCADA Master Plan is moving forward with contract signed and notice to proceed.
3. Aspen Developers Corp. completed improvements on the Aspens Sewer Realignment project. A Notice of Completion was filed with the Placer County Recorder's Office. Staff received a notice of potential claim from the HOA for a severed electrical conduit and therefore continues to withhold retainage. Manhole E-30 was not installed and is being re-designed. The Utilities Crew will install the manhole this spring saving on cost while providing training.
4. The 2014 Ford F-150 4x4 pickup truck was delivered and the build to include a bedliner and cover is scheduled.
5. Work on the Redundant Water Supply project is progressing with Farr West Engineering, a draft report on the feasibility of local water sources is on this month's agenda.

6. Staff met with the Granite Chief Homeowners Association to work out details of a development agreement whereby the District will take the lead in getting the old sewer along the creek replaced. Auerbach Engineering who has submitted a proposal will perform the survey and design work.
7. Work began on the Indian Trail 2" Water Line Replacement project with request of a construction easement sent to effected homeowners.
8. The 22 year old confined space entry gear is being replaced, the remaining gear was ordered.
9. There was a broken pipe in the Squaw Valley Prep School facility at 1810 SV Road. The water flowed downstairs into the SV Institute space for an unknown period of time over the holiday. There is considerable water damage to the walls, flooring, and personal property. Staff is coordinating with all concerned and their respective insurance carriers. Repairs should be complete by end of February.
10. A work plan and schedule is being put together to revise the Village WSA. Staff is working to update the data repositories and begin sending data to the consultants.
11. Staff received a submittal from Placer County for the PlumpJack project with preliminary site plans. Staff will be working to coordinate utility relocations between the PlumpJack Project and the proposed village project.

**ATTACHMENTS:**

2014-2015 Capital Budget Project Status Worksheet

**DATE PREPARED:**

January 16, 2014

**2014-2015 BUDGET CAPITAL PROJECTS STATUS**  
**UTILITY DEPARTMENT**  
**January 2015**

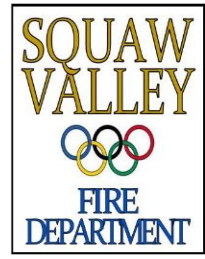
	<b><u>PROJECT NAME</u></b>	<b><u>BUDGETED</u></b>	<b><u>COMMITTED</u></b>	<b><u>STATUS</u></b>
1	Water Operations Plan	\$ 25,000	\$	Chapter 6, SOP's in Work Chapter 8 Emergency Plan at 80%
2	Water Master Plan	\$ 25,000	\$	On Hold
3	15" to 21" Olympic Estates	\$ 138,000	\$	Project Suspended
4	Intersection Manhole A29	\$ 10,000	\$	On Hold
5	VueWorks (Water & Sewer)	\$ 30,000	\$ 5,000	TVI Input Complete
6	2" Water Main Indian Trail	\$ 50,000	\$	Owners Notified Requesting Easement
7	SCADA Upgrade (Water & Sewer)	\$ 50,000	\$ 50,000	In Work
8	Easement Abatement	\$ 25,000	\$	On Hold
9	Design Creek View/Sierra Crest	\$ 26,000	\$	On Hold
10	Aspens Sewer Realignment	\$ 133,550	\$ 110,000	Construction Complete for 2014
11	Sewer Bypass Crossing Hwy 89	\$ 25,000	\$	On Hold
12	Sewer Master Plan	\$ 50,000	\$	On Hold
13	SSMP Audit/ Update	\$ 7,500	\$	Work to begin in February
14	In House Smoke Test I&I	\$ 46,239	\$	On Hold
15	TV Inspection 25% & Laterals	\$ 55,000	\$ 2,935	Begin 2015 Scope of Work
16	1810 Parking Lot Sealing	\$ 8,000	\$	On Hold
17	1810 Painting	\$ 8,000	\$	On Hold
18	1810 Carpet in Meeting Room	\$ 6,500	\$	On Hold
19	Ranger Truck Replacement	\$ 27,000	\$ 27,000	Truck delivered, pending build
20	Confined Space/ Fall Protection	\$ 6,500	\$ 5,000	Equipment Purchased
21	Computer Master Plan Barracuda Back Up	\$ 5,000	\$ 2,370	On Hold
22	IT Master Plan/ Web Development	\$ 15,000	\$ 7,306	On Hold
	<b>Grant Funded Projects</b>			
23	Redundant Water Supply	\$ 175,000	\$ 175,000	Phase II Work in Progress
24	Bike Trail Snow Removal	\$ 109,000	\$ 103,000	Work in Progress
	<b>TOTALS</b>	<b>\$ 1,046,319</b>	<b>\$ 487,611</b>	

**2014-2015 COMPLETED PROJECTS**  
**UTILITY DEPARTMENT**

	<b><u>PROJECT NAME</u></b>	<b><u>BUDGETED</u></b>	<b><u>EXPENDED</u></b>	<b><u>STATUS</u></b>
1	Replace Copier	\$ 12,000	\$ 11,022	Copier Purchased
2	Mutual Intertie Feasibility Study	\$ 5,000	\$ 5,000	\$10,000 payment from PCWA received
3				
4				
5				
6				
	<b>TOTALS</b>	<b>\$ 17,000</b>	<b>\$ 16,022</b>	



# SQUAW VALLEY PUBLIC SERVICE DISTRICT



## OPERATIONS & MAINTENANCE REPORT

**DATE:** January 27, 2015

**TO:** District Board Members

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

**SUBJECT:** Operations & Maintenance Report for December 2014 – 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 – December 2014

a. Water Production:	7.23	MG
Comparison:	1.73	MG Less than 2013
b. Sewer Collection:	8.06	MG
Comparison:	1.41	MG more than 2013
c. Aquifer Level:	December 31, 2014	= 6,187.3'
	December 31, 2013	= 6,180.4'
	Highest Recorded	= 6,192.0'
	Lowest Recorded	= 6,174.0'
d. Creek Bed Elevation:	Well 2	= 6,186.9'
e. Precipitation:	December 2014	= 10.69"
	Season Total	= 16.60"
	51 Yr. Season Avg., Old Fire Station	= 19.37"
	Season Total of 51 Year Average	= 85.72%

### 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 eight leak/high usage notifications.
2. Responded to zero after-hours customer service call.

### b. Sewer

1. Responded to zero after-hours customer service calls.

## 3. Vehicles and Equipment

### a. Vehicles

1. None.

### 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 1810 Squaw Valley Road and one at Zone Three Booster Station; both samples were reported absent.
2. Hexavalent Chromium samples taken at all wells, all results were non-detects.
3. Leak detection services performed: one
4. Customer service turn water service on: zero
5. Customer service turn water service off: one

6. Responded to zero customer service call with no water.
  7. Replaced zero failed water meters.
- d. Operation and Maintenance Squaw Valley Mutual Water Company
    1. Troubleshoot well 2 for small leak.
    2. Finalizing switch over to new SCADA system.
  - e. Sewer System Maintenance
    1. Check for I and I issues.
  - f. Telemetry
    1. The rainfall measurements for the month of December were as follows: Nova Lynx 10.69", Carl Gustafson: 7.77", Squaw Valley Snotel: 8.60".
  - g. Administration
    1. Monthly California Dept. of Public Health (CDPH) report.
    2. Worked on implementation of VUE Works
5. Services Rendered
- |  |     |
|--|-----|
| a. Underground Service Alerts            | (4) |
| b. Pre-remodel inspections               | (0) |
| c. Final inspections                     | (2) |
| d. Fixture count inspections             | (1) |
| e. Water service line inspections        | (0) |
| f. Sewer service line inspections        | (0) |
| 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 10.69 inches of precipitation for the month of December. The aquifer level rose to 6189.2 feet ASL on December 7, 2014. The aquifer level came back down to 6187.2 feet ASL on December 31, 2014. The aquifer is 6.9 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:** January 14, 2015

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

Audit Month: December  
Year: 2014

Report Date: January 5, 2015

Performed By: Brandon Burks

Meter Reader: Jason McGathey

Reading begin Date & Time: 12/31/14 8:30 AM

Reading end Date & Time: 12/31/14 11:30 AM

Total lag time: 3:00:00

Begin Audit Period: 12/1/14 12:00 AM

End Audit Period: 12/31/14 12:00 AM

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Total Metered Consumption for audit period specified (including hydrant meters): 5,629,630

Additional Consumption - Unmetered

Fire Department Use: 3,000

Hydrant Flushing: 5,000

Blow-Off Flushing:           

Sewer Cleaning: 1,000

Street Cleaning:           

Well Flushing:           

Tank Overflows:           

Unread Meter Estimated Reads:           

Other:           

Total Unmetered Consumption (for audit period specified): 9,000

Estimated Unknown Loss - Unmetered

Known Theft:           

Known Illegal Connections:           

Total Estimated leaks that have been repaired:           

Total Estimated Unmetered (for audit period specified):           

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Total Production for audit period specified: 6,795,276

Total Metered/Unmetered Consumption for audit period specified: 5,638,630

**Total Water Loss (Production - Consumption): 1,156,646**

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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 possible leaks. Some of the high usage commercial meters will be tested in the next month to search for any problems.

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