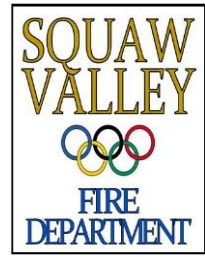




SQUAW VALLEY PUBLIC SERVICE DISTRICT



CAPITAL PROJECTS REPORT

DATE: February 24, 2014

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. Staff completed six of the first eight chapters of the Water Operations Plan; work on *Chapter 6 Standard Operating Procedures* is progressing; maintenance personnel are working on Standard Operating Procedures (SOPs). *Chapter 8 Emergency Response Plan* is 90% complete and is being circulated for review.
2. Implementation of the SCADA Master Plan is moving forward with a signed contract 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 Homeowners Association 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 purchase and build is complete.
5. Work on the Redundant Water Supply project is progressing with Farr West Engineering.
6. The sewer line along the creek in the Granite Chief subdivision failed at the Burkett

residence; a section of approximately 15 feet in length was replaced eliminating a sag in the line. Auerbach Engineering contacted the Homeowners Association president to proceed with design work to replace the entire line.

7. Work began on the Indian Trail 2" Water Line Replacement project with a construction easement request sent to affected homeowners.
8. The 22-year old confined space entry gear is being replaced.
9. There was a broken pipe in the Squaw Valley Prep School facility at 1810 Squaw Valley Road. The water flowed downstairs into the Squaw Valley Institute space for an unknown period of time during the December holiday period. There was considerable water damage to the walls, flooring, and personal property. Staff is coordinating with all concerned and their respective insurance carriers. The remediation work was completed on February 10th allowing re-construction to begin.
10. A work plan and schedule is being developed to revise the Village Water Supply Assessment (WSA). Staff is working to update data repositories and will send 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 at Squaw* project.

ATTACHMENTS:

2014-2015 Capital Budget Project Status Worksheet

DATE PREPARED:

February 10, 2014

2014-2015 BUDGET CAPITAL PROJECTS STATUS
UTILITY DEPARTMENT
February 2015

PROJECT NAME **BUDGETED** **COMMITTED** **STATUS**

1	Water Operations Plan	\$ 25,000	\$	Chapter 6, SOP's in Work Chapter 8 Emergency Plan at 90%
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	Manhole Install Spring 2015
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 March
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	\$	Schedule for Spring 2015
17	1810 Painting	\$ 8,000	\$	Schedule for Spring 2015
18	1810 Carpet in Meeting Room	\$ 6,500	\$	On Hold
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
	Grant Funded Projects			
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
	TOTALS	\$ 1,019,319	\$ 460,611	

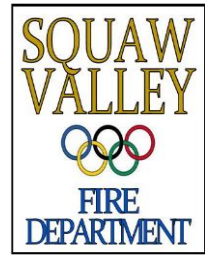
2014-2015 COMPLETED PROJECTS
UTILITY DEPARTMENT

PROJECT NAME **BUDGETED** **EXPENDED** **STATUS**

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	Ranger Truck Replacement	\$ 27,000	\$ 27,000	Build Complete
4				
5				
6				
	TOTALS	\$ 44,000	\$ 43,022	



SQUAW VALLEY PUBLIC SERVICE DISTRICT



OPERATIONS & MAINTENANCE REPORT

DATE: February 24, 2015

TO: District Board Members

FROM: Brandon Burks, Operations Specialist III

SUBJECT: Operations & Maintenance Report for January 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 – January 2015

a. Water Production:	7.49	MG
	Comparison:	0.98 MG More than 2014
b. Sewer Collection:	7.19	MG
	Comparison:	0.69 MG more than 2014
c. Aquifer Level:	January 31, 2015	= 6,187.8'
	January 31, 2014	= 6,185.3'
	Highest Recorded	= 6,192.0'
	Lowest Recorded	= 6,174.0'
d. Creek Bed Elevation:	Well 2	= 6,186.9'
e. Precipitation:	January 2015	= 0.03"
	Season Total	= 16.63"
	51 Yr. Season to date Avg., Old Fire Station	= 28.07"
	Season Total to date of 51 Year to date Average	= 59.24%

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 twelve leak/high usage notifications.
2. Responded to one 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 410 Forest Glen Road and one at Resort at Squaw Creek; both samples were reported absent.
2. Leak detection services performed: two
3. Customer service turn water service on: one
4. Customer service turn water service off: one
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. 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 January were as follows: Nova Lynx 0.03", Carl Gustafson: 0.03", Squaw Valley Snotel: 0.30".
- 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	(5)
b. Pre-remodel inspections	(0)
c. Final inspections	(1)
d. Fixture count inspections	(2)
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	(1)

Other Items of Interest

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

6. Drought Preparedness

Squaw Valley received 0.03 inches of precipitation for the month of January. The aquifer level came back down to 6187.8 feet ASL on January 31, 2014. The aquifer is 2.5 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: February 12, 2015

Squaw Valley Public Service District - Monthly Water Audit Report

Audit Month: January
Year: 2015

Report Date: February 4, 2015

Performed By: Brandon Burks

Meter Reader: Jason McGathey

Reading begin Date & Time: 1/30/15 8:30 AM

Reading end Date & Time: 1/30/15 12:00 PM

Total lag time: 3:30:00

Begin Audit Period: 12/31/15 12:00 AM

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

Total Metered Consumption for audit period specified (including hydrant meters): 6,067,005

Additional Consumption - Unmetered

Fire Department Use: _____

Hydrant Flushing: 5,000

Blow-Off Flushing: _____

Sewer Cleaning: _____

Street Cleaning: _____

Well Flushing: _____

Tank Overflows: _____

Unread Meter Estimated Reads: _____

Other: _____

Total Unmetered Consumption (for audit period specified): _____

Estimated 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: 7,425,950

Total Metered/Unmetered Consumption for audit period specified: 6,072,005

Total Water Loss (Production - Consumption): 1,353,945

Comments: The production totals are different than the monthly report due to a different time frame being used.

The District continues to investigate leaks.

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