



Amended City of St. Helena Ad Hoc Committee Special Meeting

**Vintage Hall Board Room - Second Floor, 465 Main
Street, St. Helena
Monday, April 17, 2017 @ 9:00 AM**

Page

1. CALL TO ORDER
2. ROLL CALL
Committee Chair:

Ad Hoc Utility Rate Committee Members: Chair Bonnie Long, Vice Chair Tom Vence, Chris Dann, Lester Hardy, Joel Gott, Doug Cutting and Mark Smithers

City Council Liaisons: Mayor Galbraith and Councilmember Mary Koberstein

3. PUBLIC COMMENT PERTAINING TO AD HOC UTILITY RATE COMMITTEE:
Please observe the three minute limit.
4. NEW BUSINESS
 - 4.1. Review of Ad Hoc Utility Rate meeting dates and discussion of currently scheduled meetings
 - 4.2. Schedule meetings with consultants
 - 4.3. Committee member questions for staff following binder review
 - 4.4. Overview of Capistrano Taxpayers Association Prop 218
 - 4.5. Capital Improvement Projects (CIP) List
[Presentation - CIP W WW for Ad Hoc](#)

3 - 24

5. DISCUSSION OF ITEMS TO BE PLACED ON THE NEXT MEETING AGENDA:
 - 5.1. Item Tentative Meeting Date
 1. Hansford Consulting, Bond Counsel, and Municipal Financial Advisor at Ad Hoc Meeting April 26, 2017
 2. What is an assessment District and how does it work? April 26, 2017
 3. Funding Schedule/Forecast April 26, 2017
 4. Funding Sources and Options April 26, 2017
 5. Classifications April 26, 2017
 6. Bond Covenants April 26, 2017

6. ADJOURNMENT

The next Ad Hoc Utility Rate Committee meeting is scheduled for April 19, 2017 at 9:00 am, Vintage Hall Board Room located at 465 Main Street.

This agenda was posted at City Hall, 1480 Main Street, and at Vintage Hall, 465 Main Street, St. Helena, California on April, 14, 2017.

Cindy Black, City Clerk

In Compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please call the City Clerk's Office (707) 967-2792. Notification 72 hours prior to the meeting as required by Section 202 of the Americans with Disabilities Act will enable the City to make reasonable arrangements to ensure accessibility to this meeting



Capital Improvement Projects for the Water and Wastewater Rate Study

By: Erica Ahmann Smithies
Acting Public Works Director/City Engineer

Public Works Department

April 17, 2017 Ad Hoc Rate Study
Meeting



Water – Rate Study Projects

Bell Canyon Intake Mid-Valve Repair

Project Description:

Replace and repair mid-valve on the intake tower.

Project Cost: \$14,387

Project Construction: 2017





Water – Rate Study Projects

York Creek Upper Dam Removal

Project Description:

Complete collaboration with the US Army Corp of Engineers, NOAA-Fisheries, the California department of Fish and Game, and the California regional Water Quality Control Board to remove the dam and restore fish passage in York Creek.

Project Cost: \$6.6 Million

Project Construction: 2018





Water – Rate Study Projects

Pump Station Upgrades

Project Description:

Upgrade pump stations to provide back-up power. This upgrade is required by the Department of Health

Project Cost: \$200,000

Project Construction: 2018



Water – Rate Study Projects

Bell Canyon Intake Tower Replacement

Project Description:

Immediate repairs slated are required to be in compliance. Non compliance constitutes a violation of the City's Division of Dam Safety permitted use of Bell Canyon is grounds for enforcement action, for permit termination, revocation and reissuance, or modification; or denial of a permit renewal application by the State of California Department of Water Resources Division of Dam Safety

Project Cost: \$2 Million

Project Construction: 2019





Water – Rate Study Projects

Bell Canyon Creek Flow Measurement

Project Description:

Required for measurement of flow into the reservoir to instantaneously release same amount downstream of reservoir. Project to design, permit and construct structure in the creek, includes mitigation. Necessary to achieve compliance with current regulations.

Project Cost: \$750,000

Project Construction: 2019





Water – Rate Study Projects

Meadowood Tank Upgrades

Project Description:

Replace and upgrade Holmes Tank and associated water delivery systems

Project Cost: \$500,000

Project Construction: 2019





Water – Rate Study Projects

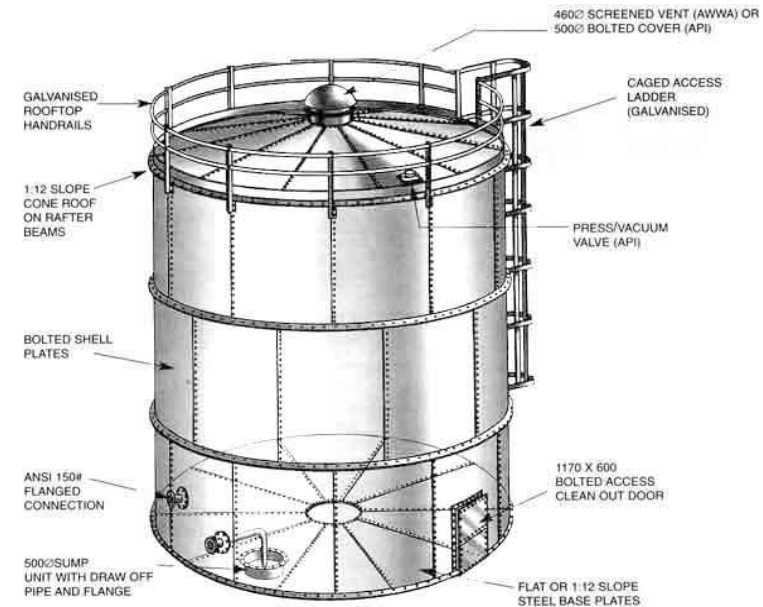
Tank 2 Rehabilitation

Project Description:

Rehabilitate Tank 2 at the Louis Stralla Water Treatment Plant

Project Cost: \$750,000

Project Construction: 2019





Water – Rate Study Projects

Dwyer Road Booster

Project Description:

Shared facility between St. Helena, Napa, and Calistoga for moving water up valley. The project will improve system reliability and increase pressure in the southern end of the system.

Project Cost: \$842,523

Project Construction: 2020





Water – Rate Study Projects

Upgrade Rutherford Pump Station

Project Description:

Upgrade electrical equipment and install permanent structure

Project Cost: \$500,000

Project Construction: 2020





Water – Rate Study Projects

Sludge Handling Program

Project Description:

Facility to hold and dry inert sludge prior to proper disposal. Necessary for Stormwater regulatory compliance. The MS4 NPDES permits require regulated municipalities to use Best Management Practices to reduce pollutants to the "Maximum Extent Practicable. Under NPDES, SFRWQCB can issue administrative orders against violators, and seek civil or criminal penalties when necessary.

Project Cost: \$150,000

Project Construction: 2020





Water – Rate Study Projects

Holmes Tank Upgrades

Project Description:

Replace and upgrade Holmes Tank and associated water delivery systems

Project Cost: \$1.383 Million

Project Construction: 2021





Water – Rate Study Projects

Bell Canyon Reservoir Improvements

Project Description:

Dredging of Bell Canyon Reservoir will return the storage capacity to design limits.

Project Cost: \$900,000

Project Construction: 2022





Water – Rate Study Projects

Bell House Valve Replacement

Project Description:

Required by the Division of Safety of Dams (DSOD), replacement is necessary for emergency operation. In the event of an emergency and by order of DSOD that we release water from the reservoir, there is significant risk that the City would not be able to close the valve and stop the water, resulting in draining all of Bell Canyon

Project Cost: \$526,105

Project Construction: 2022





Water – Rate Study Projects

Replace 12” Water Transmission

Project Description:

Replace 12” Water Transmission Main from Rutherford Pump Station to the City of Napa

Project Cost: \$400,000

Project Construction: 2023





Water – Rate Study Projects

Projects	Project Cost	Projected Start Year
Annual Maintenance Program	\$50,000/yr	2017
Stonebridge Wells Filter Rehabilitation	\$11,103	2017
Lower York Creek Dam Rehab	\$480,695	2017 & 2024
Spill Containment at Bell Creek Intake	\$75,000	2018
Spill Containment at Stonebridge Well	\$75,000	2018
Remove restriction at Rutherford Pump Station	\$150,000	2018
SCADA Improvements (Rutherford and Holmes)	\$150,000	2020
Update GIS Maps	\$50,000	2020



Water – Rate Study Projects

Projects	Project Cost	Projected Start Year
Water Master Plan Update	\$150,000	2021
WTP Condition Assessment	\$150,000	2021
Replace Mains <6-inch Diameter	\$400,000	2021
Annual Replace Mains <6-inch Diameter	\$600,000/yr	2022-2027
Additional Storage	\$1,000,000	2023
Raw Water Metering Station	\$100,000	2025
Replace 1% of Water Mains Annually	\$150,000/yr	2027
Install Smart Meters	Unfunded	TBD



Wastewater – Rate Study Projects

Wastewater Treatment Plant Upgrades Phase I

Project Description:

Per the State Cease and Desist Order, upgrade the plant to meet compliance requirements by 2021

Project Cost: \$7.5 Million

Project Construction: 2019





Wastewater – Rate Study Projects

Reclamation Field Improvements

Project Description:

Replace the spray field irrigation system on approximately 80 acres in order to adequately discharge secondary treated water as part of the WWTP permit

Project Cost: \$142,000

(Current Estimate \$1.4 Million)

Project Construction: 2019





Wastewater – Rate Study Projects

Crinella Pump Station Upgrades

Project Description:

Upgrade the Crinella Pump Station facility

Project Cost: \$500,000

Project Construction: 2020





Wastewater – Rate Study Projects

Sewer Collections Projects	Project Cost	Projected Start Year
Annual Misc. Maintenance Projects	\$35,000/yr	2017
Annual CCTV Program	\$15,000/yr	2017
Replace 1% of Mains Annually	\$150,000/yr	2017
Update GIS Maps of Sewer System	\$50,000	2018
Wet Weather Flow Monitoring	\$50,000	2019
Sewer Master Plan	\$150,000	2019
Replace Rodding Machine	\$40,000	2019
Add Sewer Pump Stations to SCADA	\$150,000	2021



Wastewater – Rate Study Projects

Treatment Plant Projects	Project Cost	Projected Start Year
Temporary WWTP Office Trailer	\$28,000	2017
Pond 2 & 3 Levee Repairs	\$120,000	2018
New Well	\$60,000	2017
Facilities Automation	\$144,000	2018
Sludge Removal	\$150,000	2018
Replace WWTP Operations Building and Shop	\$3,000,000	2021
WWTP Upgrades Phase II	\$400,000	2021
Upgrade Chemical Storage Facilities	\$500,000	2023