

SAN JUAN WATER DISTRICT

Board of Director's Meeting Minutes
September 28, 2016 – 6:00 p.m.

BOARD OF DIRECTORS

Pam Tobin	President
Ken Miller	Vice President
Ted Costa	Director
Dan Rich	Director
Bob Walters	Director (absent)

SAN JUAN WATER DISTRICT MANAGEMENT AND STAFF

Shauna Lorance	General Manager
Keith Durkin	Assistant General Manager
Donna Silva	Director of Finance
Teri Grant	Board Secretary/Administrative Assistant
Joshua Horowitz	Legal Counsel

OTHER ATTENDEES

Lori Denaro	Crocker & Crocker
Mitch Dion	Self
Tony Barela	SJWD
George Machado	SJWD
Greg Zlotnick	SJWD

AGENDA ITEMS

- I. Public Forum**
- II. Consent Calendar**
- III. New Business**
- IV. Old Business**
- V. Information Items**
- VI. Directors' Reports**
- VII. Committee Meetings**
- VIII. Upcoming Events**
- IX. Closed Session**
- X. Open Session**
- XI. Adjourn**

President Tobin called the meeting to order at 6:00 p.m.

I. PUBLIC FORUM

There were no public comments.

II. CONSENT CALENDAR

All items under the consent calendar are considered to be routine and are approved by one motion. There will be no separate discussion of these items unless a member of the Board, audience, or staff request a specific item removed after the motion to approve the Consent Calendar.

1. Minutes of the Board of Directors Meeting, September 14, 2016

Recommendation: Approve draft minutes

2. Minutes of the Board of Directors Special Meeting, September 20, 2016

Recommendation: Approve draft minutes

3. Amazing Facts Church Project Easement Relocation

Recommendation: Grant the re-location of the easement and direct staff to work with Amazing Facts Church to record the necessary documents with Placer County

4. Wholesale Mailer

Recommendation: Approve mailer for distribution

Director Rich moved to approve the Consent Calendar. Director Miller seconded the motion and it carried with 4 Aye votes (Director Walters absent).

III. NEW BUSINESS

There were no matters discussed.

IV. OLD BUSINESS

There were no matters discussed.

V. INFORMATION ITEMS

1. GENERAL MANAGER'S REPORT

1.1 September 19 Joint Board Meeting

Ms. Lorance reminded the Board that at the September 19th Joint Board meeting, it was decided to form an ad hoc committee to discuss the wholesale financial plans with the wholesale customer agencies (WCAs). She informed the Board that she received the names from the WCAs who will be serving on the ad hoc committee. Ms. Lorance will create a flowchart for the meeting which will set up the process for the meeting.

In response to Director Costa's comment, Ms. Lorance explained that there was some discussion at the Joint Board meeting regarding groundwater substitution transfers which would be completed between the District and the WCAs with wells, and costs would be split between the districts.

For information, no action requested.

1.2 Miscellaneous District Issues and Correspondence

Ms. Lorance informed the Board that there were two meetings today – one to discuss the Coordinated Operating Agreement (COA) and one to discuss Cal WaterFix. She explained that the COA meeting pertained to the agreement between the Bureau and DWR regarding coordination of the Central Valley Project (CVP) and State Water Project (SWP).

Ms. Lorance explained that the Cal WaterFix meeting pertained to discussing a CVP wide agreement on how to more efficiently operate the system without causing undo risk to carryover storage.

For information, no action requested.

2. ASSISTANT GENERAL MANAGER'S REPORT

2.1 Wholesale Customer Agency meeting

Mr. Durkin informed the Board that the WCAs met on September 22nd and received a presentation from MWH on the Wholesale Water Supply and Reliability Study. He reminded the Board that comments are due today on the report from the Board and the WCAs, and MWH will finalize the report in the next week or so.

Mr. Durkin informed the Board that TM6 will be reviewed by the Water Supply & Reliability Committee on October 13th, which includes the scope of work, estimated budget, and schedule for the next phase of the study.

For information, no action requested

2.2 Sacramento County Utility Trench Paving Requirements

Mr. Durkin reported that he, Director Walters, and Rob Roscoe (SSWD) met with Supervisor Susan Peters on Monday to discuss the proposed changes to the Sacramento County utility trench paving requirements. Mr. Durkin explained that the proposed changes place more work on the District, and other utilities, which means significantly higher costs associated with repaving after trench work is completed.

Mr. Durkin informed the Board that this item was scheduled on the Tuesday Sacramento County Board of Supervisors' meeting; however, it was pulled from the agenda and might be back on the agenda for the December meeting. He commented that this short delay will not give the Department of Transportation (DOT) much time to make significant changes to their proposal. He informed the Board that during the meeting, the DOT confirmed that there had been no studies done to determine the extent of utility impacts. Mr. Durkin informed the Board that they met with Supervisor Don Nottoli a few weeks ago and will be meeting with him again.

Mr. Durkin informed the Board that Director Walters would like to have a legal review completed by Mr. Horowitz as well as having the State Legislative Counsel review the issue in order to determine if it violates any water code requirements regarding betterments or any other legal issues. Mr. Durkin informed the Board that this will be brought back to the Board for discussion. In addition, once the Board decides on the direction to take, other utilities will be contacted to join the effort.

In response to Director Miller's comments, Mr. Durkin will research to determine whether or not the District has an obligation to warranty the restoration work completed on the pavement as a result of the District trenching. In addition, Mr. Durkin explained that the County Supervisors were given fact sheets which showed the additional cost to meet the proposed requirements listed at approximately \$600,000 per mile of pipeline. Mr. Durkin commented that if the proposed requirements are approved then the District will have to eliminate 1 mile of pipeline out of every 3-4 miles of pipeline that are planned to be worked on. In addition, it has been estimated that the impact will be 25-33% of project costs.

For information, no action requested

2.3 SJWD Training for Wholesale Customer Agencies to Coordinate DDW Monitoring and Reporting

Mr. Durkin reported that training was conducted today with the WCAs to coordinate the Division of Drinking Water requirements for monitoring and reporting on various water quality issues. The training was broadly attended by other agencies and there is a lot of collaboration between the agency operators. He informed the Board that the agency operators work well together, and communicate and collaborate regularly.

For information, no action requested

2.4 RWA 2017 Legislative Advocacy Program

Mr. Durkin reported that he, Director Miller and Greg Zlotnick attended RWA's 2017 Legislative Advocacy Program meeting on September 21st. He provided information in the Board packet regarding the tentative program work plan. In addition, long-term conservation was discussed at the meeting.

Mr. Durkin commented that RWA will be spending a lot of time focusing on long-term conservation. He commented that the State Water Resources Control Board (State Board) has been discussing legislation that will dictate how much water can reasonably be used indoors and outdoors.

Mr. Durkin explained that it is expected that the legislation will be presented in two pieces with the first one removing the 20% \times 2020 legislation and the second one instigating new legislation that will require the indoor and outdoor water use restrictions. Mr. Durkin commented that the strategy is being developed to determine how to move forward on this issue at RWA.

Mr. Durkin informed the Board that RWA also discussed the letter from Governor that was sent to Felicia Marcus at the State Board. The letter urged the State Board to look at flow requirements on all the tributaries to the Delta and complete their analysis on the Sacramento River Basin as soon as possible.

For information, no action requested

2.5 Water Treatment Plant Operations Update

Mr. Durkin informed the Board that the contractor working on Joint Federal Project at Folsom Dam has obviously altered their operations and the treatment plant is seeing less turbidity in the water; therefore, the District has been able to provide SSWD with the full amount of water that they originally requested.

Mr. Durkin provided the Board with a staff report on the potential impacts from Asian Clams. A copy of the report will be attached to the meeting minutes. Mr. Durkin reported that nearly three yards of clam shells were removed from the flocculation-sedimentation basin. He informed the Board that Reclamation will be inspecting the intake pipelines at Folsom Dam to determine if there are any Asian Clams in the pipeline.

For information, no action requested.

2.6 Miscellaneous District Issues and Correspondence

Mr. Durkin informed the Board that a woman stopped by the District specifically to ask about an email that she received from Rick Williams. Mr. Durkin explained that he spent a considerable amount of time reviewing the email with her and he provided her with correct information and explained the difference between San Juan Wholesale and San Juan Retail. In addition, she requested that Mr. Durkin speak at the American River Canyon HOA meeting the following evening. Mr. Durkin attended the meeting and provided the attendees with correct information concerning the email and also provided them with information regarding conservation, Folsom Lake operations, water supply, aging infrastructure, managing the budget, and water rights. Mr. Mitch Dion commented that the community is generally in support of San Juan Water District and it was a positive atmosphere.

For information, no action requested.

3. DIRECTOR OF FINANCE'S REPORT

3.1. Miscellaneous District Issues and Correspondence

There were no items discussed.

4. LEGAL COUNSEL'S REPORT

4.1 Legal Matters

Mr. Horowitz informed the Board that the Delta Reserve fund will probably get used next year as he expects that there will be several lawsuits filed over Cal. Water Fix issues and a possible case involving the new permanent water conservation requirements being developed by the State Water Board that are likely to impact the District's ability to fully use its water rights. In addition, he reported that there will be a Closed Session on item one only, the General Manager appointment item.

VI. DIRECTORS' REPORTS

1.1 SGA

President Tobin informed the Board that the information packet that she prepared will be scanned and emailed. It includes the RWA status of the grant awards, the ACWA legislative hot list, SGMA maps and areas submitted (approved or not approved), ACWA upcoming events, BMP Development Framework, and ACWA Federal Affairs Drought Bill status.

1.2 RWA

See agenda item VI-1.1.

1.3 ACWA

3.3.1 Local/Federal Government/Region 4 - Pam Tobin

See agenda item VI-1.1

3.3.2 JPIA - Bob Walters

No report.

3.3.3 Energy Committee - Ted Costa

No report.

1.4 CVP Water Users Association

No report.

1.5 Other Reports, Correspondence and Comments

There were no other items discussed.

VII. COMMITTEE MEETINGS

1. Engineering Committee (9/15/16)

The committee meeting minutes will be attached to the original board minutes.

2. Public Information Committee (9/20/16)

The committee meeting minutes will be attached to the original board minutes.

VIII. UPCOMING EVENTS

1. ACWA Regulatory Summit
October 3-4
Sacramento, CA
2. ACWA Fall Conference
November 29 - December 2
Anaheim, CA

President Tobin called for Closed Session at 6:57 pm.

IX. CLOSED SESSION

1. Public employee appointment involving the position of General Manager; Government Code sections 54954.5(e) and 54957(b)(1).
2. Conference with legal counsel--anticipated litigation; Government Code sections 54954.5(c) and 54956.9(b); significant exposure to litigation involving state and federal administrative proceedings and programs affecting District water rights.
3. Conference with legal counsel -- anticipated litigation; Government Code sections 54956.9(a) and (d)(4); consideration of initiation of litigation involving one case.

President Tobin returned to Open Session at 7:44 pm.

X. OPEN SESSION

There was no reported action during closed session.

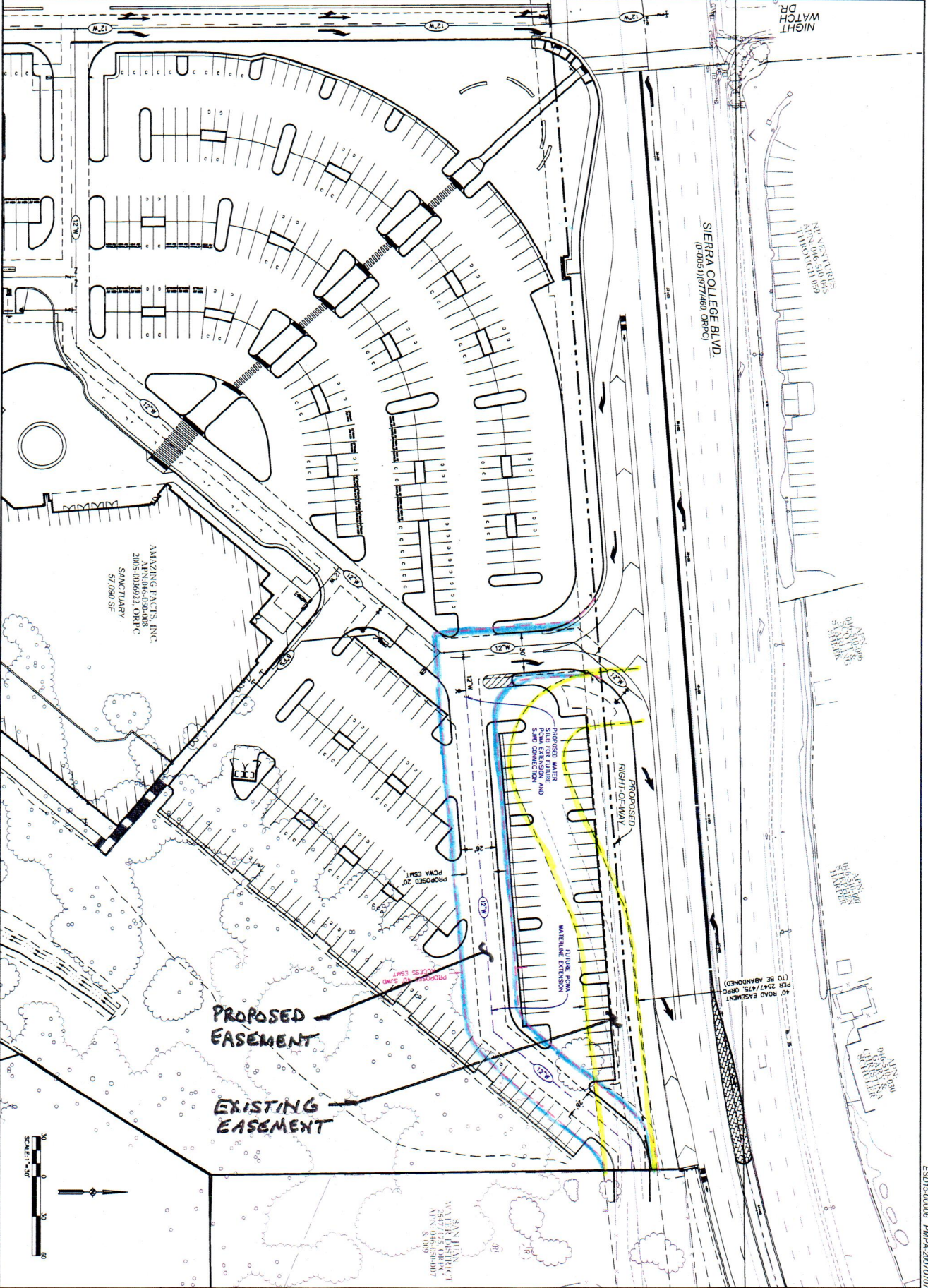
XI. ADJOURN

The meeting was adjourned at 7:44 p.m.

PAMELA TOBIN, President
Board of Directors
San Juan Water District

ATTEST:

TERI GRANT, Board Secretary



AMAZING FACTS MINISTRY
 SIERRA COLLEGE BLVD
 GRANITE BAY, PLACER COUNTY, CA

SJWD ACCESS EXHIBIT

AMAZING FACTS, INC.
 41203 W. SUNSET BOULEVARD
 ROCKLIN, CA 95675

CONTACT: JEAN ROSS
 PH: (916) 209-7286



DESIGN	BY	CHECK	NO.	REVISION	DATE	BY	APPRVD
SBS	RFE	RFE					
DRAWN	SBS	RFE					
QUANT.							

ORIGINAL SCALE IS IN INCHES

PROTECTING OUR CUSTOMERS' WATER SUPPLY

Rob, Engineering Services Manager >

YOUR WATER IS OUR TOP PRIORITY

Our staff at San Juan Water District works hard to ensure safe, reliable water for you, your family and the businesses within our service area. We provide treated water to Citrus Heights and Fair Oaks Water districts, Orange Vale Water Company, San Juan Retail and the City of Folsom, north of the American River. Together, we serve over 160,000 people.

We are proud to supply you with some of the highest quality water in California. San Juan has provided water to your community for over 150 years. We have some of the oldest water rights in the state. In addition to managing your water, we advocate to protect your water rights and your water supply with federal, state and local agencies.

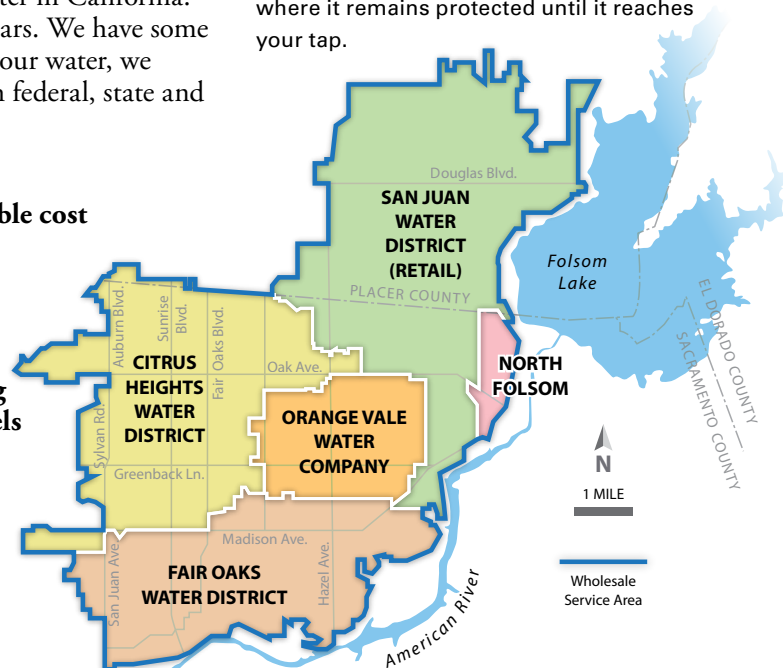
San Juan Water Wholesale's top priorities are to:

- Provide safe, high-quality, reliable water at a reasonable cost
- Protect your immediate and future water supply
- Balance our water supply needs against state-driven conservation requirements
- Advocate for revisions to Folsom Reservoir Operating Rules calling for new rules to better manage lake levels
- Continue communicating in an open, transparent manner

We are pleased to share this important water update with you. Please call 916-791-0115 or visit sjwd.org for more information. As always, we are happy to serve you.

OUR CUSTOMERS. OUR SERVICE AREA.

Your water flows from the pristine American River Watershed to Folsom Lake. We purchase and treat your water at our advanced treatment plant. From here, the high-quality water flows to Hinkle Reservoir where it remains protected until it reaches your tap.



ENSURING HIGH-QUALITY WATER 24/7

Chris, Treatment Plant Maintenance >



REACHING MILESTONES FOR YOUR WATER NEEDS

While providing reliable, high-quality water is our highest priority, we do a lot more. We operate a leading water treatment facility plus maintain miles of pipelines and pump stations to keep your water moving from the treatment plant to your tap. We also conduct sound planning to keep customer water rates as low as possible while we work to meet stringent environmental regulations, numerous government mandates and undertake capital improvements.



Solar Power Facilities

In 2011, we constructed solar facilities to provide power to our water treatment plant and operations building. We estimated the project will save our customers \$12 million over 25 years.

BIG COST SAVINGS



Continued focus on keeping rates low

We maintain among the lowest, if not the lowest, wholesale rates in the state.

REASONABLE, EQUITABLE RATES AND TRANSPARENT SERVICE

AA

Standard & Poor's AA Long-Term Bond Rating

Confirms strong organizational financial management.



Transparency Certificate of Excellence

Award from Special District Leadership Foundation acknowledges our commitment to open government. Visit our transparency hub at sjwd.org for more information.



Meet all water quality standards

We treat your water to the highest standards. Regular testing shows you continue to receive safe, reliable, high-quality water.

A+ WATER QUALITY



San Juan Water District & Sacramento Suburban Water District Pump Station

This pump station can provide groundwater to our Wholesale and Retail service areas. It increases water supply reliability for all customers and is critical during droughts.



Water Supply Control Valve Stations

These two new pressure and flow control valve stations allow control of water conveyance to Wholesale agencies during drought periods.

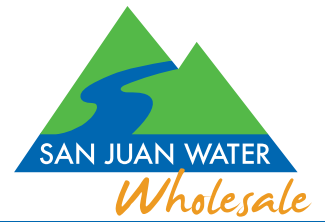
DROUGHT RESPONSE PROJECTS



Water Treatment Plant Improvements

We are replacing aging infrastructure at the water treatment plant to improve capacity and efficiency and reduce power use. Structural, electrical and instrumentation improvements provide redundancy and increase reliability.

ADVOCACY & PLANNING FOR YOUR WATER NEEDS



ISSUE:

FOLSOM LAKE NEEDS A BALANCED APPROACH FOR WATER RELEASES

The U.S. Bureau of Reclamation manages Folsom Reservoir, our water source. We do not have any control over Folsom Lake's water levels or water releases. Under current law, the Bureau must keep the lake's water level below a defined level based on the time of year. This year, the Bureau was required to release stored water even if there were no storms in the forecast. The Endangered Species Act also required the release of additional water to help protect Delta Smelt and meet Delta water quality requirements. These releases affect Folsom Lake's water levels and your supply.

RESPONSE:

SAN JUAN ADVOCATES FOR YOUR WATER SUPPLY

- We actively participated in revising Folsom Reservoir's operating rules. If approved by the U.S. Army Corps of Engineers in 2017, the Bureau will change the way it operates Folsom Lake in the future. It will balance flood control and water storage by using real-time weather forecasting, snowpack measurements and other watershed information.
- We helped guide revisions and now support adopting a Lower American River flow management plan. The plan requires a minimum storage level in Folsom Lake that protects environmental, recreational and other river interests.

ISSUE:

STATE BOARD'S EVOLVING WATER CONSERVATION REQUIREMENTS

In June, the State Water Resources Control Board required local agencies to assess their available water supplies if the next three years are dry. San Juan Water Wholesale determined there is adequate water supply to meet Wholesale water demands for at least three dry years.

The State Board is also working with the California Department of Water Resources to identify long-term conservation requirements for everyone in California. The governor has directed that the regulations include conservation requirements over and above the current 20 percent reduction required by 2020.

RESPONSE:

SAN JUAN ADVOCATES FOR YOUR WATER RIGHTS

- We actively work to protect your right to use water efficiently on your property.
- We are fighting to limit the associated costs that come from mandates and regulatory requirements.



HELPING WITH WATER EFFICIENCY EVERY DAY

[Jason, Distribution Operations >](#)

ISSUE:

SLOW ECONOMY AND DRY YEARS DELAY WATER SUPPLY PROJECTS

Over the past decade, we have worked on many capital improvement projects to maintain, improve and when ready replace our aging infrastructure. They include a variety of repairs, system upgrades and new construction projects. The projects are funded through Wholesale and Retail customer rates, state and federal grants and property taxes.

Due to the economic slowdown and multi-year drought, our revenues to fund water system operations and capital replacement and rehabilitation projects were significantly reduced. To limit our expenses during this time, we had to defer many projects.

RESPONSE:

SAN JUAN PLANS FOR YOUR CRITICAL NEEDS

- We reprioritized projects to focus on the most critical improvement needs at the water treatment plant.
- We completed critical drought response projects with the support of grant funding.
- We are drafting a new Wholesale financial plan that includes a three-to-five year rate plan to fund maintenance, replacement and rehabilitation of our facilities.

CRITICAL PROJECTS FOR YOUR WATER NEEDS

Over the next 10 years, we will complete much needed capital improvement projects in a fiscally sound and responsible manner. These projects will ensure high-quality, reliable water supplies and help us meet federal and state regulations.

Extensive work is underway at the treatment plant located next to our office. We are replacing aging equipment installed during the 1980s. These improvements will enhance overall operations for the water treatment process.



REPLACING AGING WATER SYSTEMS

Tony, Operations Manager >

SAVINGS & PLANNING LEARN ABOUT HINKLE RESERVOIR

Hinkle Reservoir is a critical facility for your water supply, water quality and public health. This 12.5-acre reservoir next to our office on Auburn-Folsom Road stores water for peak demand use and emergency situations. It holds 62 million gallons of water.

Hinkle Reservoir is lined and covered to ensure your water quality is protected from the time treated water leaves our water treatment plant until it reaches your tap. The liner and cover installed in the 1980s were expected to have a “life” of 20 years until they needed replacement. Through responsible maintenance, San Juan staff extended the life of each one for another 20 years, saving you significant money.

It's no longer possible to continue extending the life of either one so we are planning to replace them in 2021 at an estimated cost today of \$30 million dollars. The new capital improvements will cost approximately four times our annual Wholesale revenue so we are responsibly planning for how to pay for these critical facilities in the future.



PUTTING CUSTOMERS FIRST

Lisa, Customer Service >



**San Juan Wholesale
Customer Agencies**
P.O. Box 2157
Granite Bay, CA 95746

Board of Directors
Pamela Tobin, President
Kenneth H. Miller, Vice President
Edward J. “Ted” Costa
Dan Rich
Bob Walters

Agenda

**TCR, GWR, and LCR Monitoring Updates Training
September 28, 2016, 9:00 – 11:00 AM
San Juan Water District Board Room
Presented by Bonny Starr, Starr Consulting**

- Introductions
- Purpose of Training
 - Ensure All Agencies Have Updated Monitoring and Coordination Requirements for the Current TCR, GWR, and LCR
 - Open Lines of Communication Between Agencies Since Consecutive System
- Regulatory Background
 - TCR, GWR, and LCR All Regulated in Distribution System and Affected by Source Water Quality
 - Total Coliform Rule (TCR) and Revised TCR
 - Groundwater Rule (GWR)
 - Lead and Copper Rule (LCR) and Revisions
- Key Monitoring and Coordination Issues for the TCR and RTCR
 - Regulatory Status
 - Sample Requirements
 - MCLs
 - Bacterial Sample Site Plans (BSSPs) Updated by April 1, 2016
- Key Requirements for GWR Monitoring and Coordination
 - Regulatory Status
 - Sample and Other Requirements
 - MCLs
 - BSSP Updated
- Key Highlights for Monitoring under the LCR and Revisions
 - Regulatory Status
 - Sample and Other Requirements
 - ALs
 - Considerations of New Sources Introduced into System
- Closing, Follow Up, and Action Items



AGENDA ITEM V-2.4

OFFICE OF THE GOVERNOR

September 19, 2016

Chairwoman Felicia Marcus
State Water Resources Control Board
1001 I Street
Sacramento, CA 95814

Dear Chairwoman Marcus:

State Water Board staff recently released a draft proposal to update minimum flow standards for the Lower San Joaquin River to the Delta. This is only one part of the information needed. To provide a complete picture of the needs in the Delta, I urge the Board to move quickly to complete the remainder of their analysis on the Sacramento River basin.

Delay may be too costly. The need to improve our aquatic ecosystems is urgent. Many communities are paralyzed and fearful of a lengthy and unpredictable regulatory process. Voluntary agreements in which water rights holders improve stream flows and restore habitat could offer a faster, less contentious, and more durable outcome.

I have directed my departments at the Natural Resources Agency to explore the potential for a comprehensive agreement on environmental flows in both the San Joaquin and Sacramento River basins. I have asked them to report back to me by the end of October with their assessment and a schedule that enables California to start improving water quality in the Delta and its tributaries beginning in 2017. I urge the Water Board to use its authorities to assure that the process can accommodate this acceleration. We ask that the Board and staff prioritize analysis and implementation of voluntary agreements.

Sincerely,


Edmund G. Brown

CC: Members, State Water Resources Control Board

2017 Advocacy Program Work Plan Matrix – Working Draft for Lobbyist Subscription Program Discussion

9/16/16

Priority Goals

- Continue building RWA’s reputation as a respected, trusted and recognized leader in California water solutions
- Demonstrate how Sacramento-area water managers have been responsible stewards of local water resources over time and during drought
- Promote the region’s success with groundwater management, conservation and other accomplishments
- Demonstrate this region’s previous investments made to assure water supply reliability and drought resiliency
- Demonstrate how local actions support the California Water Action Plan
- Lay a foundation for further investment in the region’s water supply reliability (specifically key projects such as the Northern California Groundwater Bank, River Arc and Modified Flow Management Standard)

Target Audience/Goals	Activities	Timeframe	Lead Person(s) with Work Group Support
State Legislators/Staff and Agencies 1. Continue to strengthen relationships with local delegation 2. Develop relationships with newly elected officials 3. Expand influence outside Sacramento area 4. Foster relationships with regulators	Pre-Session 1-on-1’s with local delegation	October – November	Soyla/John/Dave
	Host Luncheon with “Keynote Speaker” for local delegation (plus new non-local reps)	January	Christine/Michelle
	Post-Election meetings with key new members/staff	January-February	Soyla/John
	Tour? (include regulators and local officials)	Spring recess/Summer/Fall Break	?
	Continue participating on Urban Advisory Group. Meet with SWRCB members as appropriate.	Ongoing	John and Jim

Target Audience/Goals	Activities	Timeframe	Lead Person(s) with Work Group Support
<p>Coalitions/Alliances (Water Orgs and Business Community)</p> <ol style="list-style-type: none"> 1. Build upon existing coalitions 2. Establish new coalitions 3. Develop relationships with BIA, Cal Chamber, CBPA, etc. 4. Continue growth as recognized leaders and team players 	<p>MWD/So.Cal water agencies tour</p> <p>Meet with individual coalition partners</p> <ul style="list-style-type: none"> • Identify RWA lead for each partner agency/org <p>Meet with BIA, Cal Chamber Legislative staff</p> <p>Regular meetings with SACOG</p>	<p>October/November</p> <p>October – March</p> <p>October-March</p> <p>Quarterly Starting in October</p>	<p>Jim/Christine/Michelle</p> <p>Various Depending on Agency/Organization</p> <p>John/Dave</p> <p>John/Dave</p>
<p>Media</p> <ol style="list-style-type: none"> 1. Expand media relations to outside Sacramento area 2. Partner with credible third-party partners when possible to develop op-eds and letters 	<p>Develop and prioritize a list of media outlets, reporters and bloggers throughout California to target for relationship building and for story/op-ed placement</p> <p>Develop a list of potential third-party experts to support and write about topics important to achieving RWA's goals. Work with experts to write and place op-eds in targeted media outlets</p>	<p>October – December</p> <p>January - June</p>	<p>Dave/Christine/Michelle</p>

Target Audience/Goals	Activities	Timeframe	Lead Person(s) with Work Group Support
Local Officials 1. Develop Pool of Local Elected Officials Who are Engaged in Water Issues and Willing to Support RWA's Positions 2. Expand Support for RWA Advocacy efforts	Hosted Meetings with Local Officials and RWA Tour of our water system – potentially partner locals with those attending state tour to help cultivate those elected ties Develop and Distribute Annual Advocacy Report	January – March November/December	John/Dave/Christine/Michelle Christine/Michelle/John/Dave

Other Activities:

1. Produce 2016 Annual Report for November 2016 Board meeting. Distribute Annual Report broadly to local agencies and coalition partners.
2. Review RWA Adopted Advocacy Program and adopted positions. Make recommendations regarding modifications, if any, to the Board at November Board Mtg
3. Brief Boards of RWA Members to expand Lobbyist Subscription Program participation
4. Fill RWA Leg. – Reg. Affairs Position
5. Develop 2017 Advocacy Priorities and Work Plan

Tentative Priorities:

Long Term Water Efficiency Regulations/Legislation
 Funding for Water Efficiency/Conservation
 Transfers
 SGMA Implementation

Water Supply Reliability
 Public Goods Charge
 Cal Water Fix
 Lead - Pending Regulatory Action

STAFF REPORT

To: Board of Directors
From: Keith Durkin, Assistant General Manager
Date: September 22, 2016
Subject: Water Treatment Plant Operations – Potential Impacts from Asian Clams

RECOMMENDED ACTION

This item is provided for information only, no action is necessary.

BACKGROUND

The Asian (Asiatic) clam is native to southeastern China, Korea, southeastern Russia, and the Ussuri Basin. The source of its first introduction into North America is unknown, but it was first found in California in 1938. It spread quickly by way of irrigation canals. Records indicate it was first found in the American River system in 1961.

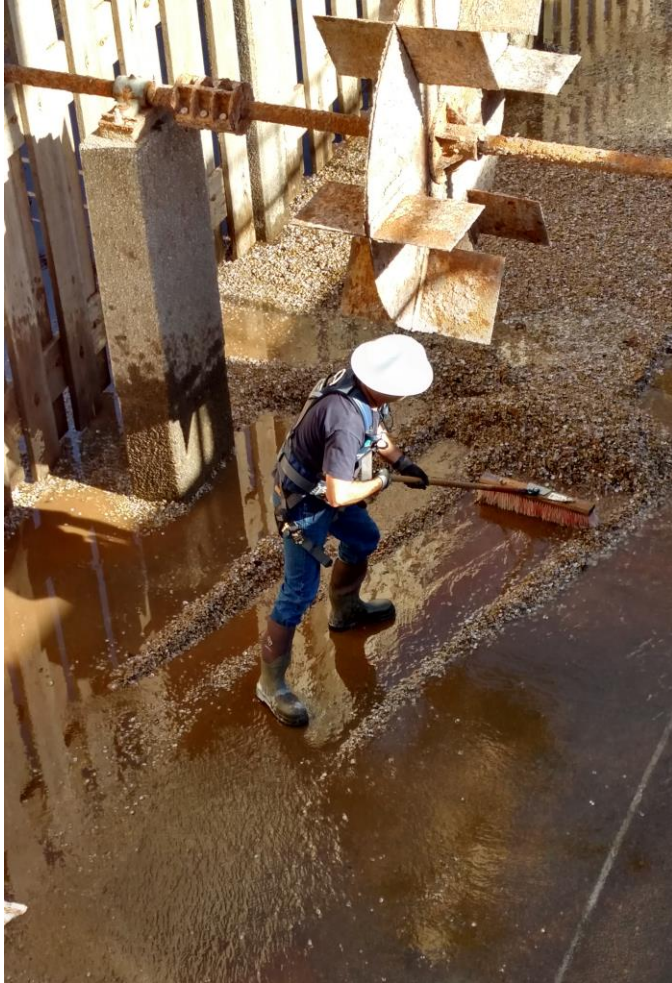
Asian clam infestations can result in clogging of water intake pipes, affecting power, water, and other industries. The costs of correcting this problem were estimated at 1 billion dollars annually according to a 1994 study. A fact sheet on the Asiatic clam prepared by Contra Costa Water District is attached to this staff report.

Status

Historically, District WTP operators have removed less than a 5-gallon bucket of clam shells from the flocculation-sedimentation basins during routine cleaning and maintenance activities. During maintenance and cleaning work performed on the south basin the week of September 12th, nearly three yards of clam shells were removed from the basin. See photos on the following pages. Staff has engaged Reclamation to determine if this is possibly a result of dredging operations digging up the clams and allowing them to migrate to the raw water intake, or if it is a more serious infestation problem. Reclamation is planning on inspecting the raw water pipelines within the next few weeks to determine if there are any concerns with clams in the pipelines. Staff is also beginning the necessary assessment to determine if there are any equipment maintenance/damage issues or treatment process concerns associated with the clams if this is a long term occurrence.

STAFF REPORT

Water Treatment Plant Operations – Potential Impacts from Asian Clams
Keith Durkin



STAFF REPORT

Water Treatment Plant Operations – Potential Impacts from Asian Clams
Keith Durkin



CONTRA COSTA WATER DISTRICT

Water Quality Fact Sheet



Asiatic Clams

- **General Biology:**

- Species: Asiatic Clams, *Corbicula flumines*
- Size: Usually less than 1 inch but can grow up to 2 to 2.5 inches in length
- Spawning: Can continue year around in water temperatures higher than 60 Fahrenheit. In North America, spawning occurs from spring to fall. Maximum densities of Asiatic clam can range from 100,000 to 200,000 per square feet, and a single clam can release an average of 400 juveniles a day and up to 70,000 per year. Reproductive rates are highest in fall.
- Lifespan: Maximum lifespan is 7 years, but varies according to habitat, with an average lifespan of 2 to 4 years.
- Habitat: Lakes, estuary and streams of all sizes with silt, mud, sand, and gravel substrate. Asiatic clam prefers fine, clean sand, clay, and coarse sand substrates. It is usually found in moving water because it requires high levels of dissolved oxygen.
- Survival: Can tolerate salinities up to 13 ppt for short periods and temperature between 35 and 86 degrees Fahrenheit. Can withstand degraded water. Sensitive to low dissolved oxygen levels.

- **Migration History:**

- Asiatic clam is native to southeastern China, Korea, southeastern Russia, and the Ussuri Basin. The source of first introduction to North America is unknown.
- First found in California in 1938 where Asiatic clam spread quickly by way of irrigation canals. The Asiatic clam has long been recognized as a pest as far back as the 1950s in irrigation systems of California. Asiatic clam continues to expand its range into uninfested waters especially in the Midwest and Northeast.

- **Impacts of Infestation:**

- Asiatic clam can outcompete many native clam species for food and space and it has potential to collapse the entire food web.
- Introduction of Asiatic clam can result in clogging of water intake pipes, affecting power, water, and other industries. The costs of correcting this problem were estimated at 1 billion dollars annually (2).

- **Impacts to CCWD:**

- CCWD has detected Asiatic clams at intakes and reservoirs with no adverse impacts to infrastructure or water quality.
- Stratification in reservoirs can impact dissolved oxygen levels which can impact the viability of the clams.

- **References:**

- 1) USGS, Nonindigenous Species Information Bulletin, No. 2001-001
- 2) Balcom, N.C. Aquatic Immigrants of the Northeast, No. 4: Asian Clam, *Corbicula fluminea*, Sea Grant, 1994

**Engineering Committee Meeting Minutes
San Juan Water District
September 15, 2016
4:00 p.m.**

Committee Members: Dan Rich, Chair
Ken Miller, Director

District Staff: Keith Durkin, Assistant General Manager
Rob Watson, Engineering Services Manager
Tony Barela, Operations Manager
Andrew Pierson, Associate Engineer
Teri Grant, Board Secretary/Administrative Assistant

Topics: Retail Service Area Development Projects (R)
WTP Floc-Sed Basin Improvement Project Status Report (W)
AMI Project Information (R)
Amazing Facts Church Project Easement Relocation (R)
Other Engineering Matters
Public Comment

1. Retail Service Area Development Projects (R)

Mr. Durkin and Mr. Watson provided the committee with an update on the current retail service area development projects, including the smaller active in-fill projects. A copy of the map and table of projects will be attached to the meeting minutes.

Mr. Watson informed the committee that there are 27 development projects and 33 small in-fill projects which are expected to span over the next 3 years. In addition, there will be approximately \$6.4 million in connection fees associated with the projects.

For information only; no action requested.

2. WTP Floc-Sed Basin Improvement Project Status Report (W)

Mr. Durkin introduced Andrew Pierson, Associate Engineer, who is overseeing the WTP Floc-Sed Basin Improvement Project. Mr. Pierson conducted a brief presentation and explained that work on the south basin started today, on schedule, and is expected to be completed by the 2nd week of December, at which time work on the north basin will begin. Mr. Pierson explained that the north basin is expected to be completed by April 30, 2017 and the total project is anticipated to be completed by May 22, 2017.

Mr. Pierson informed the committee that work with the contractor is going well and there has been a lot of collaboration between District staff and the contractor which is making this project proceed smoothly. In addition, he informed the committee that the project is on schedule and on budget.

For information only; no action requested.

3. AMI Project Information (R)

Mr. Durkin informed the committee that he received a report from Placer County Water Agency (PCWA) which they had completed by MC Engineering, Inc., regarding Advanced Metering Infrastructure (AMI). The feasibility study report indicated that it would cost approximately \$10.6 million for PCWA to implement an AMI program which would switch out the existing meters to AMI meters and provide other necessary hardware, software, and training.

Mr. Durkin reported that, based on that report, he estimates that the cost to the District to implement an AMI program would be approximately \$5 million. He does not recommend that the District implement an AMI program at this time, but suggests that the District look at this in the future since possible funding may be available if the State starts to require water budgets or other costly conservations measures that may require real-time meter reading capability.

For information only; no action requested.

4. Amazing Facts Church Project Easement Relocation (R)

Mr. Durkin informed the committee that the Amazing Facts Church is requesting that the District's easement across their property, which allows access to Kokila Reservoir, be moved so that it works with their plans for construction. The easement is located north of Kokila Reservoir at the property line which parallels Sierra College Blvd. The plans show the easement relocated slightly to the west, while maintaining the same entrance into the reservoir area. A copy of the plans will be attached to the meeting minutes.

Mr. Watson informed the committee that the plans also include a de-acceleration lane to enter the property and an acceleration lane to merge onto Sierra College Blvd., which will provide an added benefit of safety for anyone accessing Kokila Reservoir. He explained that there are no costs or impacts to the District.

The committee discussed the easement request and recommend that the District grant the change in the easement.

The Engineering Committee recommends that the District grant the re-location of the easement and direct staff to work with Amazing Facts Church to record the necessary documents with Placer County.

5. Other Engineering Matters

There were no other matters discussed.

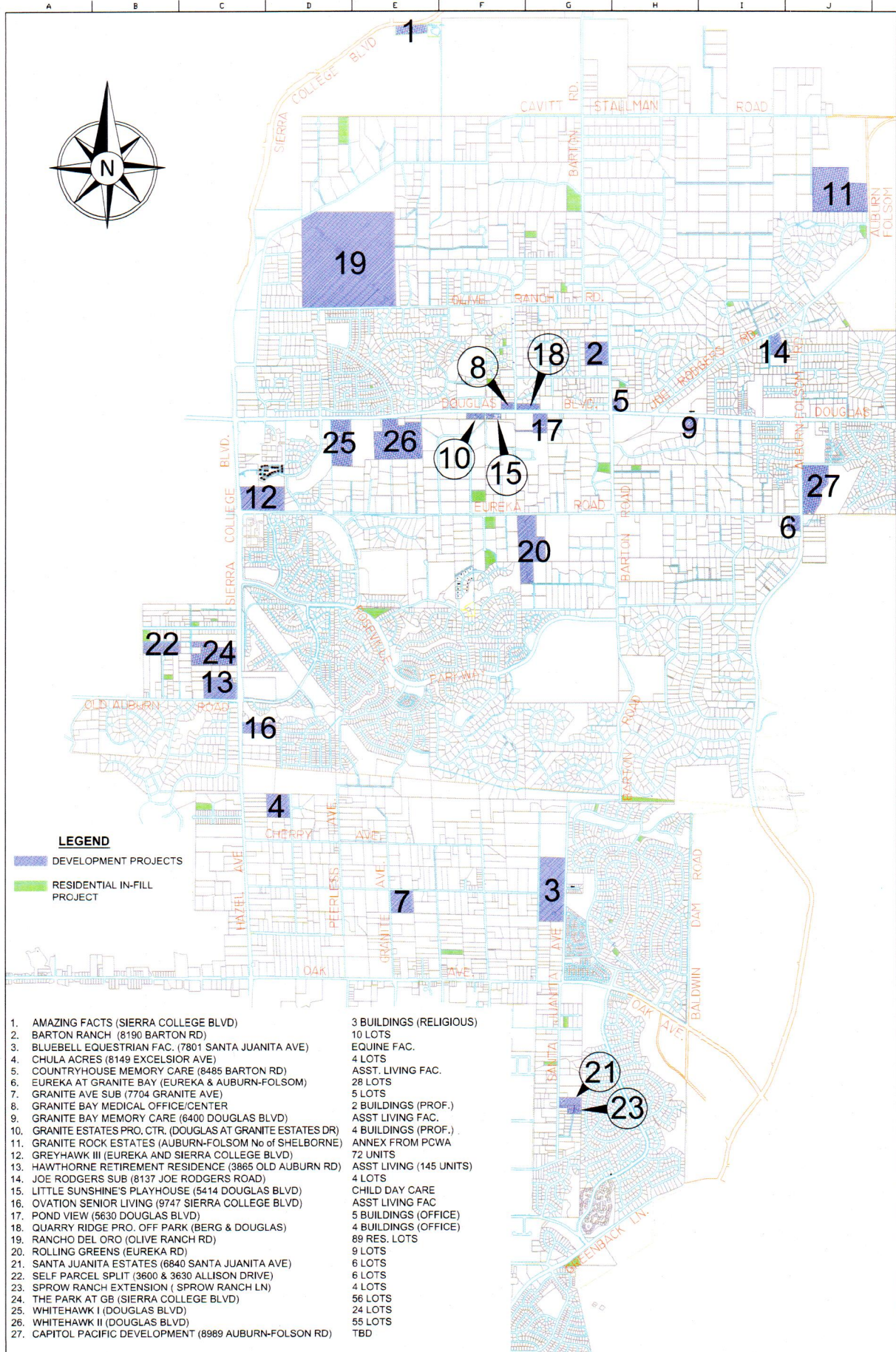
5.1 Next Meeting Date

The next committee meeting will be scheduled when needed.

6. Public Comment

There were no public comments.

The meeting was adjourned at 4:57 p.m.



LEGEND

- DEVELOPMENT PROJECTS
- RESIDENTIAL IN-FILL PROJECT

- | | |
|---|--|
| <ol style="list-style-type: none"> 1. AMAZING FACTS (SIERRA COLLEGE BLVD) 2. BARTON RANCH (8190 BARTON RD) 3. BLUEBELL EQUESTRIAN FAC. (7801 SANTA JUANITA AVE) 4. CHULA ACRES (8149 EXCELSIOR AVE) 5. COUNTRYHOUSE MEMORY CARE (8485 BARTON RD) 6. EUREKA AT GRANITE BAY (EUREKA & AUBURN-FOLSOM) 7. GRANITE AVE SUB (7704 GRANITE AVE) 8. GRANITE BAY MEDICAL OFFICE/CENTER 9. GRANITE BAY MEMORY CARE (6400 DOUGLAS BLVD) 10. GRANITE ESTATES PRO. CTR. (DOUGLAS AT GRANITE ESTATES DR) 11. GRANITE ROCK ESTATES (AUBURN-FOLSOM No of SHELBORNE) 12. GREYHAWK III (EUREKA AND SIERRA COLLEGE BLVD) 13. HAWTHORNE RETIREMENT RESIDENCE (3865 OLD AUBURN RD) 14. JOE RODGERS SUB (8137 JOE RODGERS ROAD) 15. LITTLE SUNSHINE'S PLAYHOUSE (5414 DOUGLAS BLVD) 16. OVATION SENIOR LIVING (9747 SIERRA COLLEGE BLVD) 17. POND VIEW (5630 DOUGLAS BLVD) 18. QUARRY RIDGE PRO. OFF PARK (BERG & DOUGLAS) 19. RANCHO DEL ORO (OLIVE RANCH RD) 20. ROLLING GREENS (EUREKA RD) 21. SANTA JUANITA ESTATES (6840 SANTA JUANITA AVE) 22. SELF PARCEL SPLIT (3600 & 3630 ALLISON DRIVE) 23. SPROW RANCH EXTENSION (SPROW RANCH LN) 24. THE PARK AT GB (SIERRA COLLEGE BLVD) 25. WHITEHAWK I (DOUGLAS BLVD) 26. WHITEHAWK II (DOUGLAS BLVD) 27. CAPITOL PACIFIC DEVELOPMENT (8989 AUBURN-FOLSOM RD) | <ol style="list-style-type: none"> 3 BUILDINGS (RELIGIOUS) 10 LOTS EQUINE FAC. 4 LOTS ASST. LIVING FAC. 28 LOTS 5 LOTS 2 BUILDINGS (PROF.) ASST LIVING FAC. 4 BUILDINGS (PROF.) ANNEX FROM PCWA 72 UNITS ASST LIVING (145 UNITS) 4 LOTS CHILD DAY CARE ASST LIVING FAC 5 BUILDINGS (OFFICE) 4 BUILDINGS (OFFICE) 89 RES. LOTS 9 LOTS 6 LOTS 6 LOTS 4 LOTS 56 LOTS 24 LOTS 55 LOTS TBD |
|---|--|

	<p>Project Manager: TBD</p> <p>Designer: TBD</p> <p>Checker: TBD</p> <p>Printer: TBD</p>																						
	<p>CURRENT DEVELOPMENT PROJECTS IN SJWD RETAIL SERVICE AREA</p>																						
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 10%;">No.</th> <th style="width: 70%;">Description</th> <th style="width: 10%;">Date</th> <th style="width: 10%;">Rev.</th> </tr> <tr> <td style="text-align: center;">A</td> <td>9/2016 Development Projects</td> <td style="text-align: center;">9/16</td> <td style="text-align: center;">SE</td> </tr> </table>	No.	Description	Date	Rev.	A	9/2016 Development Projects	9/16	SE	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 30%;">Date</th> <th style="width: 30%;">Drawing No.</th> <th style="width: 40%;">Title</th> </tr> <tr> <td style="text-align: center;">Sept 2016</td> <td style="text-align: center;">TBD</td> <td style="text-align: center;">A</td> </tr> </table>		Date	Drawing No.	Title	Sept 2016	TBD	A	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> </tr> </table>						
No.	Description	Date	Rev.																				
A	9/2016 Development Projects	9/16	SE																				
Date	Drawing No.	Title																					
Sept 2016	TBD	A																					

SIJWD RETAIL - CURRENT ACTIVE DEVELOPMENT PROJECTS SUMMARY TABLE (Rev. 09-15-16)

Project ID (for Figure)	Project Name (Address)	Description	Est. No. of Connections		Est. Conn. Year
			Domestic / Irrig.	Fire	
1	AMAZING FACTS (SIERRA COLLEGE BLVD)	3 BLDGS (RELIGIOUS; PCWA)	0		2017
2	BARTON RANCH (8190 BARTON RD)	10 LOTS	11		2017
3	BLUEBELL EQUESTRIAN FAC. (7801 SANTA JUANITA AVE)	EQUINE FACILITY	1		2016
4	CHULA ACRES (8149 EXCELSIOR AVE)	4 LOTS	4		2016
5	COUNTRYHOUSE MEMORY CARE (8485 BARTON RD)	ASST. LIVING FACILITY	1	1	2016
6	EUREKA AT GRANITE BAY (EUREKA & AFR, former Micherra Pl.)	28 LOTS	29		2017
7	GRANITE AVE SUB (7704 GRANITE AVE)	5 LOTS	5		2016
8	GRANITE BAY MEDICAL OFFICE/CENTER	2 BUILDINGS (PROF.)	2	2	2016
9	GRANITE BAY MEMORY CARE (6400 DOUGLAS BLVD)	ASST LIVING FACILITY	1	1	2016
10	GRANITE ESTATES PRO. CTR. (DOUGLAS AT GRANITE EST. DR)	4 BUILDINGS (PROF.)	4	4	2016
11	GRANITE ROCK ESTATES (AUBURN-FOLSOM, N. of SHELBORNE)	16 LOTS, ANNEX FROM PCWA	17		2017
12	GREYHAWK III (EUREKA AND SIERRA COLLEGE BLVD)	72 UNITS	72		2017
13	HAWTHORNE RETIREMENT RESIDENCE (3865 OLD AUBURN RD)	ASST LIVING (145 UNITS)	1	1	2017
14	JOE RODGERS SUB (8137 JOE RODGERS ROAD)	4 LOTS	4		2018
15	LITTLE SUNSHINE'S PLAYHOUSE (5414 DOUGLAS BLVD)	CHILD DAY CARE	1	1	2016
16	OVATION SENIOR LIVING (9747 SIERRA COLLEGE BLVD)	ASST LIVING FACILITY	1	1	2017
17	POND VIEW (5630 DOUGLAS BLVD)	5 BUILDINGS (OFFICE)	5	1	2017
18	QUARRY RIDGE PRO. OFF PARK (BERG & DOUGLAS)	4 BUILDINGS (OFFICE)	4	1	2016
19	RANCHO DEL ORO (OLIVE RANCH RD)	89 RES. LOTS	91		2017
20	ROLLING GREENS (EUREKA RD)	9 LOTS	10		2017
21	SANTA JUANITA ESTATES (6840 SANTA JUANITA AVE)	6 LOTS	6		2017
22	SELF PARCEL SPLIT (3600 & 3630 ALLISON DRIVE)	6 LOTS	6		2016
23	SPROW RANCH EXTENSION (SPROW RANCH LN)	4 LOTS	4		2016
24	THE PARK AT GB (SIERRA COLLEGE BLVD)	56 LOTS	56		2018
25	WHITEHAWK I (DOUGLAS BLVD)	24 LOTS	24		2018
26	WHITEHAWK II (DOUGLAS BLVD)	55 LOTS	55		2018
27	CAPITOL PACIFIC DEVELOPMENT (8989 AUBURN-FOLSOM RD)	TBD			2018
	TOTALS		415	13	

SJWD RETAIL - CURRENT ACTIVE IN-FILL PROJECTS SUMMARY TABLE (Rev. 09-15-16)

Project Name or Address		Description	Connections	Size
264	Alpine Falls Dr	Res. Domestic	1	1.0
3755	Annabelle Ave	Res. Domestic	1	1.0
3590	Annabelle Ave	Res. Domestic	1	1.0
7870	Barton Rd	Res. Domestic	1	1.0
8359	Barton Rd	Res. Domestic	1	1.0
7110	Baywood Rd	Res. Domestic	1	1.0
8820	Bella Terra Place	Res. Domestic	1	1.0
5932	Carlile Court	Res. Domestic	1	1.0
9075	Chelshire Estates Ct	Res. Domestic	1	1.0
9015	Chelshire Estates Ct	Res. Domestic	1	1.0
4700	East Roseville Parkway (East Parkway Church)	Irrigation	1	1.5
126	Flat Rock Drive	Res. Domestic	1	1.0
520	Fort Rock Court	Res. Domestic	1	1.0
5404	Granite Grove	Res. Domestic	1	1.0
5409	Granite Grove Way	Res. Domestic	1	1.0
102	Gray Cliff Court	Res. Domestic	1	1.0
9600	Greenback Ln	Res. Domestic	1	1.0
7135	Itchy Acres	Res. Domestic	1	1.0
9581	Martella	Res. Domestic	1	1.0
7635	Memory Ln	Res. Domestic	1	1.0
6135	Mica Way	Res. Domestic	1	1.0
8119	Millie St	Res. Domestic	1	1.0
6796	Miners Ravine Rd	Res. Domestic	1	1.0
9374	Primrose Ln	Res. Domestic	1	1.0
8903	Quartzite Circle	Res. Domestic	1	1.0
7021	Santa Juanita Ave	Res. Domestic	1	1.0
8310	Santa Juanita Rd	Res. Domestic	1	1.0
8180	Shelborne Dr.	Res. Domestic	1	1.0
9561	South Canyon Ct	Res. Domestic	1	1.0
7520	Telegraph Ave	Res. Domestic	1	1.0
7190	Wildwood Place	Res. Domestic	1	1.0
8140	Woodland Grove Pl	Res. Domestic	1	1.0
4737	Yorkshire Way	Res. Domestic	1	1.0
TOTAL			33	

APN: 455-130-017
USHAH MAMMAR SHAH

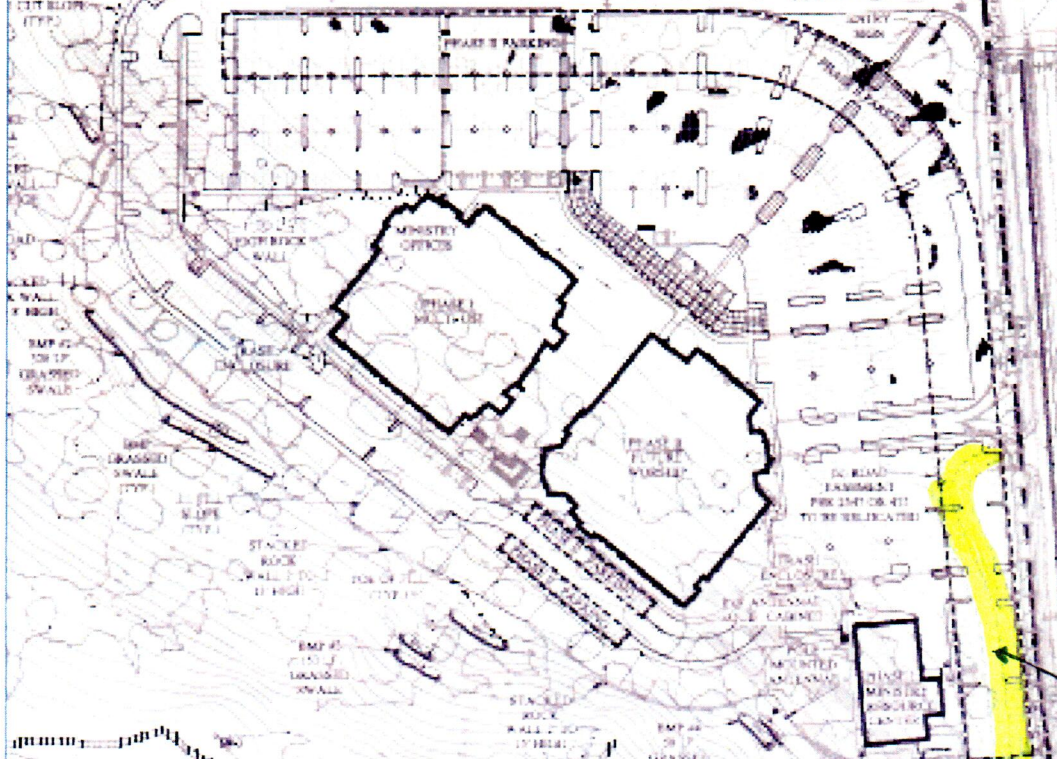
APN: 455-130-018
KANWALJEE BHANGU

APN: 455-130-019
HENRY & KAREN ROGUE
10' 0" WIDE & 10'
FEET WIDE
TYPICAL 10' 0" WIDE WALL

CITY BLVD
(TYPE)

NIGHT WATCH

SIERRA COLLEGE BLVD



APN: 046-060-007, 009
SAN JUAN SURBURDAN
WATER DISTRICT
2547 OR 475

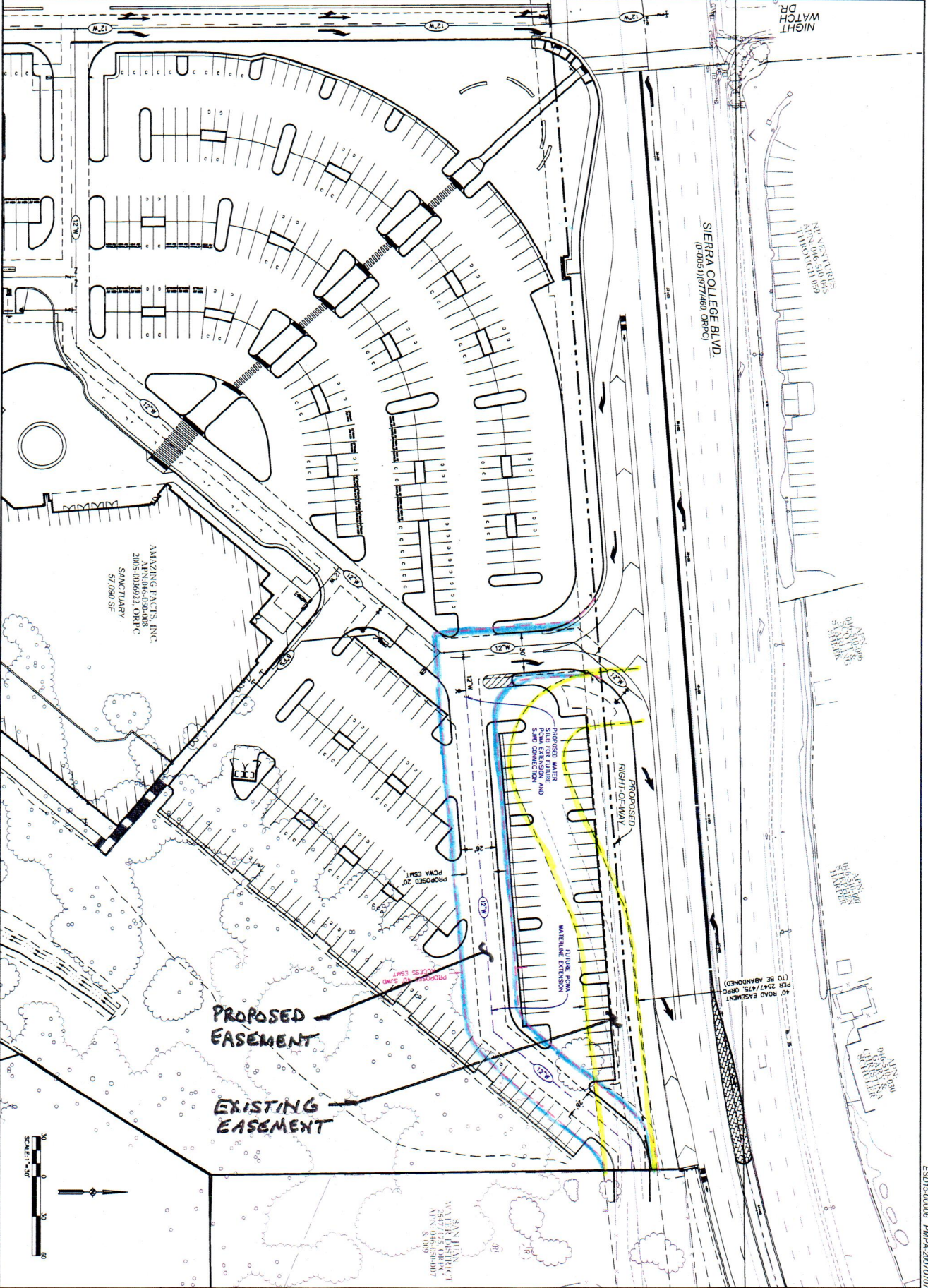
EXISTING
WATER
RESERVOIR

APN: 046-042-012
DAVID JENKINS



KOKILA
RESERVOIR

EXISTING STUD EASEMENT



AMAZING FACTS MINISTRY
 SIERRA COLLEGE BLVD
 GRANITE BAY, PLACER COUNTY, CA

SJWD ACCESS EXHIBIT

AMAZING FACTS, INC.
 41203 W. SUNSET BOULEVARD
 ROCKLIN, CA 95675

CONTACT: JEAN ROSS
 PH: (916) 209-7286



DESIGN	BY	CHECK	NO.	REVISION	DATE	BY	APPRVD
DESIGN	SBS	RFE					
DRAWN	SBS	RFE					
QUANT.							

ORIGINAL SCALE IS IN INCHES

DESIGN	BY	CHECK	NO.	REVISION	DATE	BY	APPRVD
DESIGN	SBS	RFE					
DRAWN	SBS	RFE					
QUANT.							

**Public Information Committee Meeting Minutes
San Juan Water District
September 20, 2016
3:00 p.m.**

Committee Members: Ken Miller (Chair)
Pam Tobin, Member

District Staff & Consultants: Shauna Lorance, General Manager
Lisa Brown, Customer Service Manager
Greg Zlotnick, Water Resources Specialist
Teri Grant, Board Secretary/Administrative Assistant
Lucy Eidam Crocker, Crocker & Crocker

Topics: Wholesale Mailer (W)
Access/Brush Clearing at Customer Meter Boxes (R)
Customer Committee for Financial Plan and Community Outreach (R)
Other Public Information Matters
Public Comment

1. Wholesale Mailer (W)

Ms. Eidam Crocker reminded the committee that the wholesale mailer has been discussed over the past year and was included in last year's budget, but due to other activities it was delayed until this fall. She explained that the mailer is focusing on District employees and activities. The purpose of the mailer is to provide information to customers in the wholesale service area on who the District is and what we do for them.

The committee reviewed the mailer and made some revisions. Once the revisions are completed, Ms. Lorance will forward the mailer to the Wholesale Customer Agencies and it will be included in the Board packet. A copy of the revised wholesale mailer will be attached to the committee minutes.

The Public Information Committee recommends that the Board approve the wholesale mailer for distribution.

2. Access/Brush Clearing at Customer Meter Boxes (R)

Ms. Brown informed the committee that there is one meter reader who works for the District and he spends 20 days per month reading meters and only has a couple days in a month to accomplish other tasks. The meter reader has informed Ms. Brown that there are a significant number of customers who have been contacted via a door hanger requesting them to clear the foliage around their meter boxes so that the meter reader can have access to the meter box. If the customer does not respond to the request to clear the brush, the meter reader must then trim the foliage around the meter box in order to gain access to read the meter.

Ms. Brown is recommending that this process be changed due to limited staff time. She suggested that the door hanger inform the customer that if the brush is not cleared by a certain date that the District will hire a contractor to perform the task and the customer will be billed for the service. The committee discussed the issue and requested that Ms. Brown provide the costs for the service at the next committee meeting.

For information, no action requested.

3. Customer Committee for Financial Plan and Community Outreach (R)

Ms. Lorance informed the committee that five people from the Drought Committee (retail service area) have offered to serve on the Financial Plan and Rate Committee. The Public Information Committee discussed the plan to engage the committee and suggested that the new committee meet at the end of October. Ms. Eidam Crocker suggested that the committee be given goals and rules, and offered to attend the first committee meeting to review the guidelines, as she has done this with other clients in the past.

For information, no action requested.

4. Other Public Information Matters

There were no other items discussed.

For information, no action requested.

4.1 Next Meeting Date

The next committee meeting will be scheduled in October.

5. Public Comment

There was no public comment.

The meeting adjourned at 4:14 pm.

WaterUpdate

OCTOBER 2016



PROTECTING OUR CUSTOMERS' WATER SUPPLY

Rob, Engineering Services Manager >

YOUR WATER IS OUR TOP PRIORITY

Our staff at San Juan Water District works hard to ensure safe, reliable water for you, your family and the businesses within our service area. We provide treated water to Citrus Heights and Fair Oaks Water districts, Orange Vale Water Company, San Juan Retail and the City of Folsom, north of the American River. Together, we serve over 160,000 people.

We are proud to supply you with some of the highest quality water in California. San Juan has provided water to your community for over 150 years. We have some of the oldest water rights in the state. In addition to managing your water, we advocate to protect your water rights and your water supply with federal, state and local agencies.

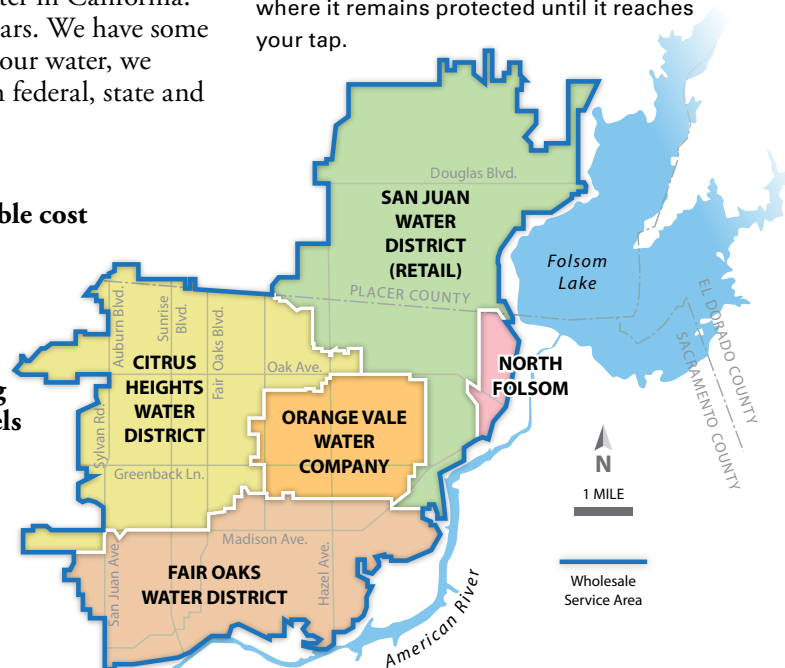
San Juan Water Wholesale's top priorities are to:

- Provide safe, high-quality, reliable water at a reasonable cost
- Protect your immediate and future water supply
- Balance our water supply needs against state-driven conservation requirements
- Advocate for revisions to Folsom Reservoir Operating Rules calling for new rules to better manage lake levels
- Continue communicating in an open, transparent manner

We are pleased to share this important water update with you. Please call 916-791-0115 or visit sjwd.org for more information. As always, we are happy to serve you.

OUR CUSTOMERS. OUR SERVICE AREA.

Your water flows from the pristine American River Watershed to Folsom Lake. We purchase and treat your water at our advanced treatment plant. From here, the high-quality water flows to Hinkle Reservoir where it remains protected until it reaches your tap.



ENSURING HIGH-QUALITY WATER 24/7

Chris, Treatment Plant Maintenance >



REACHING MILESTONES FOR YOUR WATER NEEDS

While providing reliable, high-quality water is our highest priority, we do a lot more. We operate a leading water treatment facility plus maintain miles of pipelines and pump stations to keep your water moving from the treatment plant to your tap. We also conduct sound planning to keep customer water rates as low as possible while we work to meet stringent environmental regulations, numerous government mandates and undertake capital improvements.



Solar Power Facilities

In 2011, we constructed solar facilities to provide power to our water treatment plant and operations building. We estimated the project will save our customers \$12 million over 25 years.

BIG COST SAVINGS



Continued focus on keeping rates low

We maintain among the lowest, if not the lowest, wholesale rates in the state.

REASONABLE, EQUITABLE RATES AND TRANSPARENT SERVICE

AA

Standard & Poor's AA Long-Term Bond Rating

Confirms strong organizational financial management.



Transparency Certificate of Excellence

Award from Special District Leadership Foundation acknowledges our commitment to open government. Visit our transparency hub at sjwd.org for more information.



Meet all water quality standards

We treat your water to the highest standards. Regular testing shows you continue to receive safe, reliable, high-quality water.

A+ WATER QUALITY



San Juan Water District & Sacramento Suburban Water District Pump Station

This pump station can provide groundwater to our Wholesale and Retail service areas. It increases water supply reliability for all customers and is critical during droughts.



Water Supply Control Valve Stations

These two new pressure and flow control valve stations allow control of water conveyance to Wholesale agencies during drought periods.

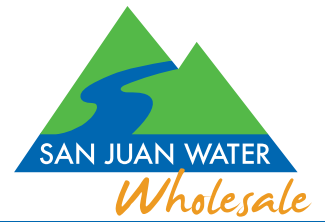
DROUGHT RESPONSE PROJECTS



Water Treatment Plant Improvements

We are replacing aging infrastructure at the water treatment plant to improve capacity and efficiency and reduce power use. Structural, electrical and instrumentation improvements provide redundancy and increase reliability.

ADVOCACY & PLANNING FOR YOUR WATER NEEDS



ISSUE:

FOLSOM LAKE NEEDS A BALANCED APPROACH FOR WATER RELEASES

The U.S. Bureau of Reclamation manages Folsom Reservoir, our water source. We do not have any control over Folsom Lake's water levels or water releases. Under current law, the Bureau must keep the lake's water level below a defined level based on the time of year. This year, the Bureau was required to release stored water even if there were no storms in the forecast. The Endangered Species Act also required the release of additional water to help protect Delta Smelt and meet Delta water quality requirements. These releases affect Folsom Lake's water levels and your supply.

RESPONSE:

SAN JUAN ADVOCATES FOR YOUR WATER SUPPLY

- We actively participated in revising Folsom Reservoir's operating rules. If approved by the U.S. Army Corps of Engineers in 2017, the Bureau will change the way it operates Folsom Lake in the future. It will balance flood control and water storage by using real-time weather forecasting, snowpack measurements and other watershed information.
- We helped guide revisions and now support adopting a Lower American River flow management plan. The plan requires a minimum storage level in Folsom Lake that protects environmental, recreational and other river interests.

ISSUE:

STATE BOARD'S EVOLVING WATER CONSERVATION REQUIREMENTS

In June, the State Water Resources Control Board required local agencies to assess their available water supplies if the next three years are dry. San Juan Water Wholesale determined there is adequate water supply to meet Wholesale water demands for at least three dry years.

The State Board is also working with the California Department of Water Resources to identify long-term conservation requirements for everyone in California. The governor has directed that the regulations include conservation requirements over and above the current 20 percent reduction required by 2020.

RESPONSE:

SAN JUAN ADVOCATES FOR YOUR WATER RIGHTS

- We actively work to protect your right to use water efficiently on your property.
- We are fighting to limit the associated costs that come from mandates and regulatory requirements.



HELPING WITH WATER EFFICIENCY EVERY DAY

[Jason, Distribution Operations >](#)

ISSUE:

SLOW ECONOMY AND DRY YEARS DELAY WATER SUPPLY PROJECTS

Over the past decade, we have worked on many capital improvement projects to maintain, improve and when ready replace our aging infrastructure. They include a variety of repairs, system upgrades and new construction projects. The projects are funded through Wholesale and Retail customer rates, state and federal grants and property taxes.

Due to the economic slowdown and multi-year drought, our revenues to fund water system operations and capital replacement and rehabilitation projects were significantly reduced. To limit our expenses during this time, we had to defer many projects.

RESPONSE:

SAN JUAN PLANS FOR YOUR CRITICAL NEEDS

- We reprioritized projects to focus on the most critical improvement needs at the water treatment plant.
- We completed critical drought response projects with the support of grant funding.
- We are drafting a new Wholesale financial plan that includes a three-to-five year rate plan to fund maintenance, replacement and rehabilitation of our facilities.

CRITICAL PROJECTS FOR YOUR WATER NEEDS

Over the next 10 years, we will complete much needed capital improvement projects in a fiscally sound and responsible manner. These projects will ensure high-quality, reliable water supplies and help us meet federal and state regulations.

Extensive work is underway at the treatment plant located next to our office. We are replacing aging equipment installed during the 1980s. These improvements will enhance overall operations for the water treatment process.



REPLACING AGING WATER SYSTEMS

Tony, Operations Manager >

SAVINGS & PLANNING LEARN ABOUT HINKLE RESERVOIR

Hinkle Reservoir is a critical facility for your water supply, water quality and public health. This 12.5-acre reservoir next to our office on Auburn-Folsom Road stores water for peak demand use and emergency situations. It holds 62 million gallons of water.

Hinkle Reservoir is lined and covered to ensure your water quality is protected from the time treated water leaves our water treatment plant until it reaches your tap. The liner and cover installed in the 1980s were expected to have a “life” of 20 years until they needed replacement. Through responsible maintenance, San Juan staff extended the life of each one for another 20 years, saving you significant money.

It's no longer possible to continue extending the life of either one so we are planning to replace them in 2021 at an estimated cost today of \$30 million dollars. The new capital improvements will cost approximately four times our annual Wholesale revenue so we are responsibly planning for how to pay for these critical facilities in the future.



PUTTING CUSTOMERS FIRST

Lisa, Customer Service >



**San Juan Wholesale
Customer Agencies**
P.O. Box 2157
Granite Bay, CA 95746

Board of Directors
Pamela Tobin, President
Kenneth H. Miller, Vice President
Edward J. “Ted” Costa
Dan Rich
Bob Walters