

**SAN JUAN WATER DISTRICT  
BOARD MEETING AGENDA  
April 24, 2019  
6:00 p.m.  
9935 Auburn Folsom Road  
Granite Bay, CA 95746**

The Board may take action on any item on the agenda, including items listed on the agenda as information items. The Board may add an item to the agenda (1) upon a determination by at least three Board members that an emergency situation exists, or (2) upon a determination by at least four Board members (or by three Board members if there are only three Board members present) that the need to take action became apparent after the agenda was posted.

The public may address the Board concerning an agenda item either before or during the Board's consideration of that agenda item. Public comment on items within the jurisdiction of the Board is welcome, subject to reasonable time limitations for each speaker. Upon request, agenda items may be moved up to accommodate those in attendance wishing to address that item. Please inform the General Manager.

Documents and materials that are related to an open session agenda item that are provided to the District Board less than 72 hours prior to a regular meeting will be made available for public inspection and copying at the District office during normal District business hours.

In compliance with the American's with Disabilities Act, if you have a disability and need a disability-related modification or accommodation to participate in this meeting, please contact the Board Secretary at 916-791-0115. Requests must be made as early as possible, and at least one full business day before the start of the meeting.

***Please silence cell phones and refrain from side conversations during the meeting.***

**I. ROLL CALL**

**II. PUBLIC FORUM**

During the Public Forum, the Board may briefly respond to statements made or questions posed by the public, or ask District staff for clarification, refer the matter to District staff or ask District staff to report back at a future meeting. The Board will not take action on any matter raised during the Public Forum, unless the Board first makes the determinations to add the matter to the agenda.

**III. CONSENT CALENDAR**

All items under the Consent Calendar are considered to be routine and will be 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, March 27, 2019 (W & R)

*Recommendation: Approve draft minutes*

2. LGB & UGB BPS Low Flow Pump Purchase (R)

*Recommendation: Approval to purchase two new low flow pump assemblies, one for the Lower Granite Bay Pump Station and one assembly for the Upper Granite Bay Pump Station*

**IV. OLD BUSINESS**

1. FY 2018-19 Operations Plan Report Card (W & R)

*Review 3<sup>rd</sup> Quarter Progress*

## **V. INFORMATION ITEMS**

1. General Manager's Report
  - 1.1 General Manager's Monthly Report (W & R)  
*Staff Report on District Operations*
  - 1.2 Miscellaneous District Issues and Correspondence
2. Director of Finance's Report
  - 2.1 Miscellaneous District Issues and Correspondence
3. Operation Manager's Report
  - 3.1 Miscellaneous District Issues and Correspondence
4. Legal Counsel's Report
  - 4.1 Legal Matters

## **VI. DIRECTORS' REPORTS**

1. SGA
2. RWA
3. ACWA
  - 3.1 Local Government/Federal Affairs/Region 4 - Pam Tobin
  - 3.2 JPIA – Pam Tobin
  - 3.3 Energy Committee - Ted Costa
4. CVP Water Users Association
5. Other Reports, Correspondence, and Comments

## **VII. COMMITTEE MEETINGS**

1. Engineering Committee – April 9, 2019
2. Finance Committee – April 23, 2019

## **VIII. UPCOMING EVENTS**

1. 2019 ACWA Spring Conference  
May 7-10, 2019  
Monterey, CA
2. 2019 Cap To Cap – Metro Chamber  
May 4-8, 2019  
Washington DC

## **President Rich to call for Closed Session**

## **IX. CLOSED SESSION**

1. Public employee performance evaluation involving the General Manager; Government Code sections 54954.5(e) and 54957.
2. Conference to provide District's labor negotiators, Dan Rich and Ken Miller, with direction concerning changes to General Manager's compensation and benefits; Government Code sections 54954.5(f) and 54957.6.

**X. OPEN SESSION**  
Report from Closed Session

**XI. ADJOURN**

**UPCOMING MEETING DATES**

May 22, 2019

June 26, 2019

I declare under penalty of perjury that the foregoing agenda for the April 24, 2019 regular meeting of the Board of Directors of San Juan Water District was posted by April 19, 2019, on the outdoor bulletin boards at the District Office Building, 9935 Auburn Folsom Road, Granite Bay, California, and was freely accessible to the public.

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Teri Grant, Board Secretary

## **SAN JUAN WATER DISTRICT**

Board of Director's Meeting Minutes

March 27, 2019 – 6:00 p.m.

### **BOARD OF DIRECTORS**

Dan Rich	President
Ted Costa	Vice President
Marty Hanneman	Director
Ken Miller	Director
Pam Tobin	Director

### **SAN JUAN WATER DISTRICT MANAGEMENT AND STAFF**

Paul Helliker	General Manager
Donna Silva	Director of Finance
Tony Barela	Operations Manager
Lisa Brown	Customer Service Manager
George Machado	Field Services Manager
Rob Watson	Engineering Services Manager
Chris von Collenberg	Information Systems Manager
Greg Zlotnick	Water Resources Manager
Teri Grant	Board Secretary/Administrative Assistant
Joshua Horowitz	Legal Counsel
Jennifer Buckman	Legal Counsel

### **OTHER ATTENDEES**

Alan Driscoll	Forsgren Associates Inc.
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### **AGENDA ITEMS**

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

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

### **I. ROLL CALL**

The Board Secretary took a roll call of the Board. The following directors were present: Ted Costa, Marty Hanneman, Ken Miller, Dan Rich and Pam Tobin.

## II. PUBLIC FORUM

There were no public comments.

## III. 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 Special Meeting, February 25, 2019 (W & R)**

*Recommendation: Approve draft minutes*

**2. CMMS/GIS Coordinator Position (W & R)**

*Recommendation: Approve a new CMMS/GIS Coordinator (W/R) job description and salary range*

**3. Lower Granite Bay Pump Station Generator Engine Repair (R)**

*Recommendation: Award a service contract to Cummins Sales and Service for the amount of \$60,989 with a contingency amount of \$3,061 (5%) for a total authorized amount of \$64,050 for the repair of the failed LGB BPS generator engine, under protest if appropriate*

President Rich removed Consent Calendar items 2 and 3 for discussion at the request of Vice President Costa.

***Vice President Costa moved to approve Consent Calendar item 1. Director Miller seconded the motion and it carried unanimously.***

Vice President Costa voiced concern regarding adding an additional position as requested under Consent Calendar item 2. GM Helliker and Ms. Silva explained that the request is to change the position title and job description with no additional staff position being requested and no impact to the budget.

***Vice President Costa moved to approve a new CMMS/GIS Coordinator (W/R) job description and salary range. Director Miller seconded the motion and it carried unanimously.***

Vice President Costa suggested that the payment be made under protest since the District will be seeking recovery regarding Consent Calendar item 3. The Board discussed the issue and Mr. Horowitz offered to work with staff and review the information.

***Vice President Costa moved to award a service contract to Cummins Sales and Service for the amount of \$60,989 with a contingency amount of \$3,061 (5%) for a total authorized amount of \$64,050 for the repair of the failed LGB***

***BPS generator engine, under protest if appropriate. Director Hanneman seconded the motion and it carried unanimously.***

#### **IV. NEW BUSINESS**

##### **1. 5G Mobile Protocol (W & R)**

Mr. von Collenberg conducted a presentation regarding 5G Broadband and San Juan Water District. A copy of the presentation will be attached to the meeting minutes. He explained what 5G is, the District's network structure, and how 5G would impact the District now and in the future.

The Board discussed the topic and GM Helliker informed the Board that the Meter Program Study will evaluate Advanced Metering Infrastructure (AMI) which would work with a cell phone network or radio telecommunication. He explained that, at that point, the District would determine which meters to buy, which would dictate which communication network to use.

##### **2. Legislation (W & R)**

GM Helliker reviewed the list of bills that were provided in the staff report which will be attached to the minutes. The Board discussed the bills and agreed with staff on the position recommendations which were noted in the staff report.

***Director Hanneman moved to approve positions on Assembly Bills 217, 441, 510, 533, 658 and 756, and Senate Bills 19, 134, 414 and 669. Director Tobin seconded the motion and it carried unanimously.***

##### **3. Regional Planning Activities (W & R)**

Mr. Zlotnick provided the Board with a staff report which will be attached to the minutes. In addition, he conducted a presentation and that will also be attached to the minutes. He explained that this is primarily the Regional Water Reliability Plan that RWA has been working on. He reviewed the schedule and noted that on May 9<sup>th</sup> the RWA Board will be reviewing the plan for adoption.

Mr. Zlotnick reviewed the mitigation actions and funding requirements, along with the actions on which the District is either a lead or a partner. He informed the Board that the primary mitigation strategy is the Water Bank. He reported that the RWA Executive Committee approved the Project Agreement for the Water Bank and the agreement will begin circulating to the agencies for approvals.

Mr. Zlotnick informed the Board that approximately \$500,000 will be needed for the Project Committee Support, Communications Work Group Support, Outreach Materials Development, and Integrated Water Flow Model Development. The funding will be allocated to all the participants with San Juan's portion being about \$25,000.

Mr. Zlotnick reviewed the Water Bank's Hypothetical Operational Scenario. He explained that there is concern that the proposal recommends that the groundwater bank be managed to require a 10% "basin mitigation factor" to

reduce by that much the amount of water available for extraction from the basin from the water that was added to the basin. He informed the Board that they will discuss this basin mitigation factor further. GM Helliker commented that the governance organization will have to make the final decision on how to manage the groundwater basin. Mr. Zlotnick informed the Board that it will be called the Sacramento Regional Water Bank.

GM Helliker informed the Board that RWA will be looking into federal grant funding. He stated that groundwater banking is a high priority for the region.

**4. FY 2018-19 Mid-Year Budget Review (W & R)**

Ms. Silva provided the Board with a staff report which will be attached to the minutes. She explained that, once a year, staff completes an in-depth review of the financial activities, year to date. At that time, staff is able to project the anticipated revenue and expenses for the rest of the fiscal year.

Ms. Silva reported that, based on that review, it is anticipated that Wholesale Operations and Wholesale Capital accounts will bring in more revenue and will have less expenses than budgeted. She explained that this will result in more reserves accruing than the financial plan anticipated. She informed the Board that they might consider lowering the wholesale rate for debt, since the 2009 COPs were refinanced in 2017 and resulted in a lower debt cost. The Board discussed the recommendation and agreed that staff include the debt rate reduction in the 2019-20 budget.

Ms. Silva reported that Retail Operations revenues and expenses should come in on budget. However, Retail Capital revenue is anticipated to come in a little higher than budgeted while Retail Capital expenses are estimated to come in about \$500,000 over budget. She anticipates that Retail Capital will still remain on track with the financial plan once the transfer between Operations and Capital funds occur. In addition, she informed the Board that if all the capital projects get done this spring, then she might need to come back to the Board for a budget amendment for FY 2018-19 in order to authorize staff to spend the funds.

**5. Reinitiation of Consultation on the Coordinated Long-Term Operation of the Central Valley Project and State Water Project (ROC on LTO EIS) (W)**

GM Helliker conducted a presentation and provided a staff report which will be attached to the meeting minutes. He reviewed the Proposed Action, Water Supply Benefits, Changes in Spring Outflow, Alternative Flow Changes, NEPA Alternatives Spring Outflow Changes, NEPA Alternatives Water Supply Benefits, and Biological Assessment Effects Determination. He also reviewed the ESA/NEPA schedule.

GM Helliker explained that legal counsel is recommending that San Juan sign the Memorandum of Understanding with Reclamation because this would allow the District to have early access to NEPA documents. He explained that participation by San Juan and our sister agencies in the American River watershed is important, to be able to ensure that the modeling and analyses

conducted by the Water Forum on flows, storage levels, temperature and habitat are incorporated into the Biological Opinions and EIS. Ms. Buckman informed the Board that the preview draft Biological Opinion is expected to be released in late May/early June.

***Director Hanneman moved to authorize the General Manager to sign the Memorandum of Understanding between the District and the U.S. Bureau of Reclamation regarding the Cooperative Development of the Environmental Impact Statement for the Reinitiation of Consultation on the Coordinated Long-Term Operation of the Central Valley Project and State Water Project. Director Miller seconded the motion and it carried with 4 Aye votes and 1 No vote (Costa).***

## **V. INFORMATION ITEMS**

### **1. GENERAL MANAGER'S REPORT**

#### **1.1 General Manager's Monthly Report (W & R)**

GM Helliker provided the Board with a written report for February which will be attached to the meeting minutes.

#### **1.2 Miscellaneous District Issues and Correspondence**

GM Helliker reported that Folsom Reservoir storage went from 62% to 70% full and 113% of average (110% of the 15-year average). He reported that precipitation is at 131% of normal and the snow pack is at 157% of average statewide.

GM Helliker reported that the buyers/sellers group will be meeting soon; however, with the SWP water allocations at 70% currently, capacity to transfer water is not expected.

GM Helliker reported that the wholesale customer agencies (WCA) will be meeting in April to discuss the shortage policy. In addition, he met with Dan York, SSWD General Manager, and they drafted a request for qualifications on the collaboration/integration project, which was then routed to the WCAs. A meeting with the WCA general managers is scheduled for April 16<sup>th</sup>.

GM Helliker informed the Board that the April Board meeting may include review of the compensation study after it is reviewed by the Personnel Committee, an update on the collaboration/integration project, pre-purchase of pumps for the Lower Granite Bay and the Upper Granite Bay pump stations, and a possible update on the Meter Replacement Project.

### **2. DIRECTOR OF FINANCE'S REPORT**

#### **2.1 Miscellaneous District Issues and Correspondence**

There were no matters discussed.



### **3. OPERATION MANAGER'S REPORT**

#### **3.1 Miscellaneous District Issues and Correspondence**

Mr. Barela reported that District staff and Citrus Heights Water District staff met with the consultant on the Meter Replacement Project to review the project and define the scope of work. The consultant will meet with the agencies that are interested in possibly participating in the project before cost allocations can be determined. He will report back on this at the April Board meeting.

Mr. Barela reported that the District had 24 more leaks than the prior three years and leaks are tracking high again this year. He will report back as needed.

Mr. Barela informed the Board that Sacramento Suburban Water District posted a recruitment for a Field Supervisor and only received eight applications. He stated that he was going to participate on their interview panel, however, they will not be holding interviews at this time.

### **4. LEGAL COUNSEL'S REPORT**

#### **4.1 Legal Matters**

Mr. Horowitz reported that there is a Closed Session at the end of the meeting.

## **VI. DIRECTORS' REPORTS**

### **1. SGA**

No report.

### **2. RWA**

Director Tobin reported that there was an Executive Committee meeting today with the first topic being a closed session regarding the Executive Director recruitment. She reported that five candidates will move forward in the interview process and interviews will be held on April 26<sup>th</sup>. In addition, there will be a closed session at the May 2<sup>nd</sup> RWA Board meeting to discuss the first round of interviews, then on May 13<sup>th</sup> the second round of interviews will be held. She reported that the Executive Committee will meet on May 22<sup>nd</sup>.

Director Tobin reported that the Executive Committee discussed the Regional Water Reliability Plan Update, the Sacramento Regional Water Bank Project, the RWA Strategic Plan, Legislative and Regulatory updates, and the Water Efficiency Program Update.

### **3. ACWA**

#### **3.1 Local/Federal Government/Region 4 - Pam Tobin**

Director Tobin reported that she attended the ACWA 2019 DC conference at the end of February with Mr. Greg Zlotnick. She participated on the

Water Management Team 2, and Mr. Zlotnick participated on the Water Infrastructure Team 1. The topics covered were California Water Conditions, Water Management, Water Supply, and Water Infrastructure.

**3.2 JPIA - Pam Tobin**

No report.

**3.3 Energy Committee - Ted Costa**

Vice President Costa reported that the Energy Committee will meet at the ACWA Spring Conference.

**4. CVP WATER USERS ASSOCIATION**

Vice President Costa reported that the CVP Water Users Association will meet on April 16, 2019.

**5. OTHER REPORTS, CORRESPONDENCE AND COMMENTS**

Director Miller voiced concern for the lack of participation regarding the General Manager's evaluation in that only three directors (Hanneman, Rich and Miller) provided input on the evaluation form that will be discussed in Closed Session. Vice President Costa commented that he will not provide a written evaluation of the General Manager, but will provide comments in Closed Session. Vice President Costa stated that the General Manager should not be providing the Board with a questionnaire, but it should be the reverse. Director Tobin informed the Board that she had issues with her internet provider and was unable to send emails for the past several days.

**VII. COMMITTEE MEETINGS**

**1. Personnel Committee – February 22, 2019**

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

**2. Public Information Committee – March 7, 2019**

The committee meeting minutes will be attached to the original board minutes. In response to Vice President Costa's question, GM Helliker explained that Mr. Doug Carlson was not a new employee, but was a hired to conduct media training to some of the staff.

**3. Personnel Committee – March 11, 2019**

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

**4. Finance Committee – March 26, 2019**

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

**VIII. UPCOMING EVENTS**

**1. 2019 ACWA Spring Conference**

May 7-10, 2019  
Monterey, CA

**2. 2019 Cap To Cap – Metro Chamber**  
May 4-8, 2019  
Washington DC

**President Rich called for Closed Session at 7:28 pm.**

**IX. CLOSED SESSION**

1. Conference with legal counsel--anticipated litigation; Government Code sections 54954.5(c) and 54956.9(d)(4); potential for litigation involving the State Water Resources Control Board's proceedings related to the California Water Fix and the Bay-Delta Water Quality Control Plan Update.
2. Public employee performance evaluation involving the General Manager; Government Code sections 54954.5(e) and 54957.

**President Rich returned to Open Session at 9:44 pm.**

**X. OPEN SESSION**

The Board discussed both closed session items and consulted with legal counsel, but took no reportable action on either item. President Rich appointed himself and Director Miller as the Board's negotiators for purposes of negotiating any changes in General Manager Helliker's employment contract.

**XI. ADJOURN**

**The meeting was adjourned at 9:44 p.m.**

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DAN RICH, President  
Board of Directors  
San Juan Water District

ATTEST:

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TERI GRANT, Board Secretary

The meeting minute attachments are located under Meeting Minutes – *Draft* on the webpage.

# STAFF REPORT

To: Board of Directors  
 From: Rob Watson, Engineering Services Manager  
 Date: April 24, 2019  
 Subject: Purchase of LGB & UGB BPS Low Flow Pumps

## RECOMMENDED ACTION

Staff recommends the purchase of two new low flow pump assemblies, one for the Lower Granite Bay Pump Station and one assembly for the Upper Granite Bay Pump Station. The staff recommendation was reviewed by the Engineering Committee, which recommends approval by the Board of Directors.

## BACKGROUND

The Lower Granite Bay and Upper Granite Bay Booster Pump Stations began construction in July 2014 and were commissioned in June 2016. These two pump stations were designed for installation of additional pumps if necessary. After operating these two pump stations for a few years it has been determined that with the changes in water demand associated with conservation there are times when the low demands result in a need for the current pumps to operate at non-optimal points on their design curves. Therefore in the interest of energy conservation, protecting the existing higher-flow pumps, and for pump station operational optimization, installation of low-flow pumps at each of these facilities is necessary.

Staff requested a cost quote from Weir Floway, Inc., the pump manufacturer who provided the existing pumps for these two pump stations and received the following cost information.

Facility	Mfg.	Model	Pump (Complete)	Tax	Freight	Total
Lower GB BPS	Floway	10KLM – 6 Stage	\$47,493.00	\$3,443.24	\$550.00	\$51,486.24
Upper GB BPS	Floway	9XKH – 5 Stage	\$39,086.00	\$2,833.74	\$550.00	\$42,469.74
Totals			\$86,579.00	\$6,276.98	\$1,100.00	\$93,955.98

The quoted costs are for complete assemblies, including the pumps, motors, columns, shafts, discharge heads, ancillaries, and spare parts.

Staff have reviewed the quote and have determined it is reasonable. As a comparison in 2015 (4-years ago) the existing Lower Granite Bay Pumps cost approximately \$55,000 each and the existing Upper Granite Bay Pumps cost approximately \$27,000 each. And a referenced 2018 quote from another manufacturer (Fairbanks Morse) for a pump similar to the LGB BPS pumps had a cost of approximately \$75,000.

Purchase of these pumps directly from this manufacturer would fall under Public Contract Code 3400(c)(2) as matching the other existing pumps in these two pump stations.

## FINANCIAL CONSIDERATIONS

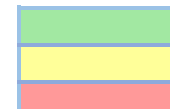
This purchase was budgeted for in the approved FY 18/19 Retail Budget under the budget line item titled “Upper and Lower Granite Bay Pump Station Low Flow Pumps” at an amount of \$117,000.

# Operations Plan Report Card FY 2018-19

On Track

Delayed

Issues



## ADMINISTRATION/WATER RESOURCES/IT

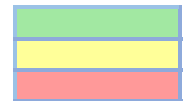
Task	Original Target Date	Updated Target Date	Completion Date
Coordinate and complete a groundwater substitution transfer from the San Juan Water District, the Fair Oaks Water District and the Citrus Heights Water District to a water agency(s) south of the Delta	9/30/2018		9/30/2018
Water Fix – represent the American River region agencies in negotiating a settlement agreement between DWR and Reclamation, to prevent or mitigate impacts from WaterFix	9/30/2018	Ongoing	
WaterFix – oversee the management of the District’s litigation on the WaterFix CEQA documents	6/30/2019	Ongoing	
Water Quality Control Plan – lead the effort to secure approval of conserved water transfers as a central component of the region’s proposed settlement agreement, and participate in the negotiations with the Administration on such an agreement	9/30/2018	6/1/2019	
Organize and conduct deliberations concerning joint efforts to improve water supply reliability and potential reorganization with SSWD	6/30/2019		
Prepare annual water rights reports to SWRCB and submit estimated schedule of deliveries of PCWA and CVP supplies to Reclamation	Post-14 > 4/1/19 Pre-14 > 6/30/19 Reclamation > 3/31/19		Post-14 >3/19/19 Pre-14 >3/19/19 Rec > 2/13/19
Provide Monthly summary reports to Reclamation showing usage of water rights, PCWA, and CVP supplies, as well as treatment of SSWD’s PCWA deliveries	The 10 <sup>th</sup> of the following month		Monthly
Complete Letter of Interest for WIFIA Low Interest financing for up to 49% of Hinkle & Kokila project cost	7/31/2018		7/31/2018
Complete State SRF application for low interest financing for Hinkle & Kokila project	12/31/2018	begun: end tbd	
Complete joint WaterSmart grant application through RWA for intertie projects	10/1/2018		4/1/2018
Assist with the implementation of the Geographic Information System (GIS)	6/30/2019		
Complete a Supervisory Control and Data Acquisition (SCADA) Master Plan	4/1/2019	6/30/2019	
Implement improvements to the Wonderware Software System.	1/1/2019	5/1/2019	
Guide candidates and potential candidates through the 2018 General Election process for three seats on the Board of Directors	8/15/2018		8/15/2018
Hold an open house for retail and wholesale customers in October 2018	10/6/2018		10/6/2018

## ENGINEERING SERVICES

Task	Target Date	Updated Target Date	Completion Date
Complete the design, permitting and construction of FY 2018-19 Wholesale and Retail Capital Improvement Projects.	6/30/2019		
Complete an ADA Transition plan and pre-design analysis to determine the costs for a new building and existing building improvements as identified in the Facility Needs Assessment work done in fiscal year 2017-18.	1/31/2019	4/24/2019	
Implementation of a replacement Geographic Information System (GIS)	6/30/2019		
Complete an update of the Ordinance sections related to service connections and development	12/31/2018	6/30/2019	
Complete an update of the Retail Master Plan	6/30/2019	8/30/2019	
Update the e-based System Map and Hydraulic Model	6/30/2019		

# Operations Plan Report Card FY 2018-19

On Track  
Delayed  
Issues



## FINANCE

Task	Target Date	Updated Target Date	Completion Date
Implement the Governmental Accounting Standards Board (GASB) Pronouncement's 74 and 75 pertaining to accounting for Other Post Employment Benefits (OPEB)	12/31/2018		10/1/2018
Complete the outsourcing of payroll processing and implement the use of electronic timesheets	12/31/2018	6/30/2019	
Complete an overhaul of the Employee Manual, updating District ordinances and policies as necessary	3/31/2019	6/30/2019	
Complete Disaster Preparedness Planning and Documentation for Business Continuity	6/30/2019		
Identify and begin preliminary planning for debt issuance for Hinkle and Kokila cover and lining replacement projects	6/30/2019		3/31/2019
Propose updates to District's Reserve Policy	12/31/2018		9/25/2018
Propose updates to District's Record Retention Policy	9/30/2018	6/30/2019	
Complete a Capital Facility Fee Study and recommend fee changes as identified in the study	12/31/2018	2/28/2019	2/25/2019
Complete a Master Fee Study and recommend fee changes as identified in the study	12/31/2018	5/31/2019	
Complete a Compensation Study and identify the desired market position. Adjust compensation if necessary	6/30/2019		

## WATER EFFICIENCY

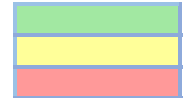
Task	Target Date	Updated Target Date	Completion Date
Rehabilitate outdated sections of the demonstration WEL (Water Efficient Landscape) Garden (wholesale)	10/5/2018		10/5/2018
Provide 4 educational customer workshops and an annual mulch give-a-way event (wholesale)	6/30/2019		
Implement rebate incentive programs and provide on-site assistance to 100 customers to support State mandated water use reductions requirements	6/30/2019		
Conduct a student art calendar contest to be distributed to all wholesale agencies	6/30/2019		

## CUSTOMER SERVICE

Task	Target Date	Updated Target Date	Completion Date
Cross train customer service staff to be proficient in all customer service related functions to build redundancy to accommodate vacations, illnesses and staff turnover	6/30/2019		
Work with Field Service staff to update manually read meters with radio or touch read meters to improve reading efficiency	6/30/2019		12/1/2018
Work with Field Service staff to diagnose customer meter problems and repair promptly	6/30/2019		
Incorporate any recommendations from 2018 Customer Satisfaction Survey results into Customer Service processes to improve customer interaction	9/28/2018		9/28/2018

# Operations Plan Report Card FY 2018-19

On Track  
Delayed  
Issues



## DISTRIBUTION (Field Services)

Task	Target Date	Updated Target Date	Completion Date
Replace 20+ large commercial meters	Dec 2018	Feb 2019	2/1/2019
Complete the backflow testing program for 2018 (100% Tested) and define and implement plan for 2019 testing operations.	Dec 2018		12/3/2018
Achieve Air/Vacuum relief valve maintenance goal for 2018 and define and Implement plan for 2019 operations.	Dec 2018		
Evaluate the CMMS program to determine if it can be modified to meet District needs or needs replacement	Mar 2019	May 2019	
Complete the corrosion protection system evaluation and calibration	Jun 2019		
Conduct evaluations of the Booster Pump Stations to identify improvements needed	Oct 2018	Dec 2018	12/14/2018
Lower, then re-raise the infrastructure in Oak Avenue, between Hazel and Main, to accommodate the Sacramento County's road rehabilitation project	Sac County to determine		
Replace the HVAC units at two pump stations	Dec 2018	August 2019	
Complete the Hydrant Maintenance program for 2018 and define and implement plan for 2019 testing operations.	Dec 2018		
Complete a meter replacement study in conjunction with the Citrus Heights Water District, with participation of other regional partners.	Sept 2019	Dec 2021	
Complete an evaluation of the District's Comprehensive Safety Program	Dec 2018		Dec-18
Install nine electrical service disconnects to allow for safer operations.	May 2019		2/1/2019
Replace electric panels in the Administration Building for improved performance and safety	May 2019		

## WATER TREATMENT

Task	Target Date	Updated Target Date	Completion Date
Install external and internal chlorine reading displays	Sept 2018		9/12/2018
Complete a study of compliance solids residuals disposal	Jul 2018	Sept 2018	9/15/2018
Evaluate a potential conversion from chlorine to hypochlorite	Nov 2018	May 2019	
Evaluate the CMMS program to determine if it can be modified to meet District needs or needs replacement	Mar 2019	May 2019	
Complete the corrosion protection system evaluation and calibration	Jun 2019		
Replace the Lime Feed system electric panel	Mar 2019	May 2019	
Replace/repair the Flocculation/Sedimentation Basin drive chain	Apr 2019		
Complete repairs, replacement and painting of perimeter security fencing	Nov 2018	May 2019	
Evaluate the safety program and identify improvements needed	Dec 2018		Dec-18
Install window in office at the Water Treatment Plant	Jun 2019		
Complete clarifier wall/lining leakage repair	May 2019		
WTP site paving, slurry seal, and re-stripe	Jun 2019		
10 year replacement of chlorine gas pressure piping	Apr 2019		



# STAFF REPORT

To: Board of Directors  
 From: Paul Helliker, General Manager  
 Date: April 24, 2019  
 Subject: General Manager's Monthly Report (March)

## RECOMMENDED ACTION

For information only, no action requested.

## TREATMENT PLANT OPERATIONS

### *Water Production for March*

Item	2019	2018	Difference
Monthly Production AF	1,936.63	1,368.84	41.5%
Daily Average MG	20.36	14.39	41.5%
Annual Production AF	5,769.98	3,956.13	45.8%

### *Water Turbidity*

Item	March 2019	February 2019	Difference
Raw Water Turbidity NTU	4.58	4.01	14%
Treated Water Turbidity NTU	0.023	0.024	-4%
Monthly Turbidity Percentage Reduction	99.50%	99.39%	

### *Folsom Lake Reservoir Storage Level AF\**

Item	2019	2018	Difference
Lake Volume AF	592,167	525,297	13%

AF – Acre Feet  
 MG – Million Gallons  
 NTU – Nephelometric Turbidity Unit  
 \* Total Reservoir Capacity: 977,000 AF

### *Other Items of Interest:*

- Performed annual after hours chlorine leak investigation drill.
- Completed operational process TOC (total organic carbon) study.
- Performed 3 year chlorine residual analyzer maintenance.
- Installation of new chemical feed room LED lighting.
- Performed quarterly chlorine leak detector calibrations.

**SYSTEM OPERATIONS**

*Distribution Operations:*

Item	March 2019	February 2019	Difference
Leaks and Repairs	11	6	+5
Mains Flushed	99	20	+79
Valves Exercised	59	4	+54
Back Flows Tested	48	498	-450
Customer Service Calls	33	33	0

*Distribution System Water Quality:*

Water Quality Samples Taken	# Failed Samples	Supporting Information
40 Lab	0	
12 In-House	0	

*Other Items of Interest:*

- None

**CUSTOMER SERVICE ACTIVITIES**

*Billing Information for Month of March*

Total Number of Bills Issued	Total Number of Reminders Mailed	Total Number of Shut-off Notices Delivered	Total Number of Disconnections
5479	572	186	16

*Water Efficiency Activities*

Water Waste Complaints Received	Number of Customers Contacted for High Usage (potential leaks)	Number of Rebates Processed	Number of Meters Tested/Repaired (non-reads)
3	49	2	N/A

*Other Activities*

- Robert Brown started as a Customer Service Technician II on March 11.

**ENGINEERING - NEW URBAN DEVELOPMENTS (SJWD Retail Service Area)**

<b>Project Title</b>	<b>Description</b>	<b>Status</b>	<b>Issues / Notes</b>
Ali Minor Subdivision	3-Lot Subdivision	Approved for Construction	Planning for spring 2019 const. start
Barton Ranch	10-Lot Subdivision	In Construction	Nearing completion. Water done,
Chula Acres	4-Lot Minor Subdivision	Approved for Construction	Planning for spring 2019 const. start
Colina Estates	10-Lot Subdivision	In Construction	Nearing Completion. Water is done.
Eureka at GB (former Micherra Place Proj.)	28 Condominium Units	Approved for Construction	Planning for spring 2019 const. start
GB Memory Care	Commercial Business	In Design Review	
Greyhawk III	44 high-density, and 28 single family Lots	In Design Review	
Wellquest Senior Living (prior Ovation)	Commercial Business (114-Unit 2-story Assisted Living Facility)	Approved for Construction	Planning for spring 2019 const. start
Placer County Retirement Residence	Commercial Business (145-Unit Multi-story Assisted Living Facility)	In Design Review	
Pond View	Commercial Business	Approved for Construction	Planning to begin const in spring 2019
SPFD Station 15	Fire Station Bldg Improvements, with water service upgrades	In Construction	Nearing completion. Water done.
Quarry Ridge Prof. Office Park	Commercial Business (4 parcels to develop four general/medical office buildings)	In Design Review	Planning to begin const in summer 2019
Rancho Del Oro	89 Lot Subdivision	Will need re-approval for Construction	On hold pending County and envr Approvals
Self Parcel Split (3600 & 3630 Allison Ave)	4 Lot Minor Subdivision (on a new street "Laura Lane", off Allison Dr.)	In Construction	Re-start in spring 2019
The Park at Granite Bay	56 lot Subdivision	Approved for Construction	Mass grading done. Re-start in 2019.
The Residences at GB	4-Lot Minor Subdivision	In Design Review	
Ventura of GB	33-Lot Subdivision	In Design Review	
Whitehawk I	24-Lot Subdivision	In Design Review	Planning Dept review underway
Whitehawk II	56-Lot Subdivision	In Design Review	Planning Dept review underway. Likely to build before Whitehawk I.

**ENGINEERING - CAPITAL PROJECTS**

*Status Update for Current Retail Projects*

<b>Project Title</b>	<b>Description</b>	<b>Status</b>	<b>Issues / Notes</b>
Douglas Blvd Main Replacement	Replacement of ±4,125-LF of old steel main with new 16-in and 12-in pipeline between Auburn Folsom Rd and Hidden Lakes Dr.	Construction Complete	In closeout.
Dambacher Drive Services Replacement	Replacement of ±19 aged, corroded steel service taps with new bronze saddle taps to reduce potential for failures and leaks	Construction Complete	None. In closeout
Lou Place Main Replacement	Replacement of approximately 460-LF of aged main and 4 services on Lou Place between Troy Way and Crown Point Vista	In Construction Phase	Construction essentially complete, in Punchlist phase.
Edward Ct Main Replacement	Replacement of approximately 300-LF of aged main and 3 services on between Lou Place and the south end of Edward Court	In Construction Phase	Construction essentially complete, in Punchlist phase.
Spahn Ranch Rd. Main Extension	Install new pipeline; provides looped distribution network	In Design Review Phase	Working with property owner for easement
Cavitt Stallman 12" (Oak Pines to Sierra Ponds)	Install new pipeline on Cavitt Stallman between Oak Pines Lane and Sierra Ponds Lane	In Design	May need to delay to FY 19/20
Cavitt Stallman 12" (Mystery Cr to Oak Pines)	Install new pipeline on Cavitt Stallman between Mystery Creek Ln and Oak Pines Ln.	In Design	May need to delay to FY 19/20
Woodminister Services Replacements	Replace 18 aged services	In Design	
Redbud/Lupin/Meadowlark Services Replmts	Replace 43 aged services	In Construction Phase	Construction essentially complete, in Punchlist phase
Sandstone & Auberry to Hill Rd 8" Ext & Serv	Replace pipeline and services	In Construction Phase	Construction essentially complete, in Punchlist phase
Kokila (SJWD/PCWA) 12-Inch Intertie Pipeline	Interconnection with PCWA	In Design	Working with RWA on Grant Funding

<b>Project Title</b>	<b>Description</b>	<b>Status</b>	<b>Issues / Notes</b>
Mooney Tank Building New Roof	Replace the existing aged roof before failure	Design consultant is selected.	Reviewing options to reduce cost. Const in FY 19/20
Canyon Falls Village PRS Replacement	Rehabilitation of an existing Pressure Reducing Station (PRV) located near the intersection of Canyon Falls Drive and Santa Juanita Ave.	In Design	Bundling to bid with other two planned PRS's
Eastridge Dr CV Station	Design and construct CV station between Sierra and Gravity Zones. Needed to supply 3,125-gpm fire flow for the Wellquest project on SCB	In Design	Bundling to bid with other two planned PRS's
Vactor Solids Handling Station	Design and construct a storage and drying station for managing the vactor truck solids.	Design completed.	Const in FY 19/20
UGB & LGB Low Flow Pumps and LGB/CP MOV	Installation of two new low flow pumps, one each at the Lower and Upper Granite Bay pump stations	In Design. Ready to pre-purchase the pumps	Installation and commissioning in FY 19/20.

*Status Update for Current Wholesale Projects*

<b>Project Title</b>	<b>Description</b>	<b>Status (% Complete)</b>	<b>Issues/ Notes</b>
WTP Thickeners Lining	Clean, repair and line the interior walls and floor of the three thickeners to eliminate leakage and protect the concrete and reinforcing from damage	In Design (TM and 90% design are done, Preparing to Bid)	
FO-40 T-Main Relining	Relining of the existing ±11,000 foot long steel pipeline	In Construction	North section almost done, then moving to south section. Disinfecting the north section now.
Hinkle Liner & Cover Repl'mt	Replace both the hypalon cover and liner	In pre-design phase. Planning to operate WTP without Hinkle.	Applying for WIFIA and SRF funding.
Lime System Improvements	Improvements for the WTP's lime system control and feeder system	In Design	
WTP On-Site Residuals Management Improvement Project	Management of the WTP residuals disposal area and improvements needed to meet regulatory requirements.	In Design Phase.	Const in FY 19/20

**SAFETY & REGULATORY TRAINING – MARCH 2019**

<b>Training Course</b>	<b>Staff</b>
Defensive Driving	All
Walking Working & Surfaces	WTP, FS & Eng
NFPA 70E 2018 – Electrical Safety & Arc Flash	Mangers & Leads
Office Safety	Admin
Respirator care & use	WTP & FS

**FINANCE/BUDGET**

*See attached.*



San Juan Water District, CA

# Wholesale Operating Income Statement

## Group Summary

For Fiscal: 2018-2019 Period Ending: 03/31/2019

Account	Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
<b>Fund: 010 - WHOLESALE</b>					
<b>Revenue</b>					
41000 - Water Sales	12,666,300.00	12,666,300.00	650,481.33	9,617,932.66	3,048,367.34
43000 - Rebate	1,500.00	1,500.00	160.40	1,194.49	305.51
45000 - Other Operating Revenue	0.00	0.00	0.00	58,387.40	-58,387.40
49000 - Other Non-Operating Revenue	151,900.00	151,900.00	0.00	162,177.65	-10,277.65
<b>Revenue Total:</b>	<b>12,819,700.00</b>	<b>12,819,700.00</b>	<b>650,641.73</b>	<b>9,839,692.20</b>	<b>2,980,007.80</b>
<b>Expense</b>					
51000 - Salaries and Benefits	3,514,900.00	3,514,900.00	267,599.39	2,382,312.77	1,132,587.23
52000 - Debt Service Expense	955,000.00	955,000.00	0.00	562,270.03	392,729.97
53000 - Source of Supply	2,006,800.00	2,006,800.00	83,240.73	1,216,325.13	790,474.87
54000 - Professional Services	887,400.00	887,400.00	10,081.92	332,183.62	555,216.38
55000 - Maintenance	450,900.00	450,900.00	14,961.94	266,639.03	184,260.97
56000 - Utilities	90,500.00	90,500.00	0.00	113,990.50	-23,490.50
57000 - Materials and Supplies	478,300.00	478,300.00	24,285.75	361,290.43	117,009.57
58000 - Public Outreach	88,500.00	88,500.00	0.00	43,886.33	44,613.67
59000 - Other Operating Expenses	470,300.00	470,300.00	26,492.82	290,669.53	179,630.47
69000 - Other Non-Operating Expenses	2,700.00	2,700.00	0.00	1,473.50	1,226.50
69900 - Transfers Out	2,776,900.00	2,776,900.00	0.00	0.00	2,776,900.00
<b>Expense Total:</b>	<b>11,722,200.00</b>	<b>11,722,200.00</b>	<b>426,662.55</b>	<b>5,571,040.87</b>	<b>6,151,159.13</b>
<b>Fund: 010 - WHOLESALE Surplus (Deficit):</b>	<b>1,097,500.00</b>	<b>1,097,500.00</b>	<b>223,979.18</b>	<b>4,268,651.33</b>	<b>-3,171,151.33</b>
<b>Total Surplus (Deficit):</b>	<b>1,097,500.00</b>	<b>1,097,500.00</b>	<b>223,979.18</b>	<b>4,268,651.33</b>	

**Fund Summary**

Fund	Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
010 - WHOLESALE	1,097,500.00	1,097,500.00	223,979.18	4,268,651.33	-3,171,151.33
<b>Total Surplus (Deficit):</b>	<b>1,097,500.00</b>	<b>1,097,500.00</b>	<b>223,979.18</b>	<b>4,268,651.33</b>	





San Juan Water District, CA

# Wholesale Capital Income Statement

## Group Summary

For Fiscal: 2018-2019 Period Ending: 03/31/2019

Account	Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
<b>Fund: 011 - Wholesale Capital Outlay</b>					
<b>Revenue</b>					
42000 - Taxes & Assessments	1,094,700.00	1,094,700.00	0.00	613,153.19	481,546.81
44000 - Connection Fees	75,000.00	75,000.00	0.00	113,352.00	-38,352.00
44500 - Capital Contributions - Revenue	2,285,400.00	2,285,400.00	0.00	1,308,840.79	976,559.21
49000 - Other Non-Operating Revenue	65,000.00	65,000.00	0.00	131,545.24	-66,545.24
49990 - Transfer In	2,776,900.00	2,776,900.00	0.00	0.00	2,776,900.00
<b>Revenue Total:</b>	<b>6,297,000.00</b>	<b>6,297,000.00</b>	<b>0.00</b>	<b>2,166,891.22</b>	<b>4,130,108.78</b>
<b>Expense</b>					
55000 - Maintenance	3,101,000.00	3,101,000.00	149.35	1,300,270.61	1,800,729.39
61000 - Capital Outlay	1,755,700.00	1,755,700.00	2,254.99	106,376.85	1,649,323.15
63000 - Contributions to Others	0.00	0.00	0.00	-38,318.00	38,318.00
<b>Expense Total:</b>	<b>4,856,700.00</b>	<b>4,856,700.00</b>	<b>2,404.34</b>	<b>1,368,329.46</b>	<b>3,488,370.54</b>
<b>Fund: 011 - Wholesale Capital Outlay Surplus (Deficit):</b>	<b>1,440,300.00</b>	<b>1,440,300.00</b>	<b>-2,404.34</b>	<b>798,561.76</b>	<b>641,738.24</b>
<b>Total Surplus (Deficit):</b>	<b>1,440,300.00</b>	<b>1,440,300.00</b>	<b>-2,404.34</b>	<b>798,561.76</b>	

**Fund Summary**

Fund	Original	Current	MTD Activity	YTD Activity	Budget
	Total Budget	Total Budget			Remaining
011 - Wholesale Capital Outlay	1,440,300.00	1,440,300.00	-2,404.34	798,561.76	641,738.24
<b>Total Surplus (Deficit):</b>	<b>1,440,300.00</b>	<b>1,440,300.00</b>	<b>-2,404.34</b>	<b>798,561.76</b>	



San Juan Water District, CA

# Retail Operating Income Statement

## Group Summary

For Fiscal: 2018-2019 Period Ending: 03/31/2019

Account	Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
<b>Fund: 050 - RETAIL</b>					
<b>Revenue</b>					
41000 - Water Sales	11,479,700.00	11,479,700.00	752,532.68	6,769,905.39	4,709,794.61
45000 - Other Operating Revenue	379,600.00	379,600.00	21,279.42	254,132.20	125,467.80
49000 - Other Non-Operating Revenue	116,200.00	116,200.00	0.00	90,818.56	25,381.44
<b>Revenue Total:</b>	<b>11,975,500.00</b>	<b>11,975,500.00</b>	<b>773,812.10</b>	<b>7,114,856.15</b>	<b>4,860,643.85</b>
<b>Expense</b>					
51000 - Salaries and Benefits	4,720,300.00	4,720,300.00	357,500.40	3,293,003.70	1,427,296.30
52000 - Debt Service Expense	531,000.00	531,000.00	0.00	312,684.55	218,315.45
53000 - Source of Supply	3,095,300.00	3,095,300.00	66,773.35	2,221,977.91	873,322.09
54000 - Professional Services	1,213,400.00	1,213,400.00	31,761.40	474,995.89	738,404.11
55000 - Maintenance	345,800.00	345,800.00	11,440.60	170,290.77	175,509.23
56000 - Utilities	246,200.00	246,200.00	0.00	213,151.56	33,048.44
57000 - Materials and Supplies	292,800.00	292,800.00	12,685.47	251,922.01	40,877.99
58000 - Public Outreach	65,000.00	65,000.00	0.00	52,818.89	12,181.11
59000 - Other Operating Expenses	577,600.00	577,600.00	30,895.25	341,355.52	236,244.48
69000 - Other Non-Operating Expenses	2,200.00	2,200.00	0.00	1,473.50	726.50
69900 - Transfers Out	275,300.00	275,300.00	0.00	0.00	275,300.00
<b>Expense Total:</b>	<b>11,364,900.00</b>	<b>11,364,900.00</b>	<b>511,056.47</b>	<b>7,333,674.30</b>	<b>4,031,225.70</b>
<b>Fund: 050 - RETAIL Surplus (Deficit):</b>	<b>610,600.00</b>	<b>610,600.00</b>	<b>262,755.63</b>	<b>-218,818.15</b>	<b>829,418.15</b>
<b>Total Surplus (Deficit):</b>	<b>610,600.00</b>	<b>610,600.00</b>	<b>262,755.63</b>	<b>-218,818.15</b>	

**Fund Summary**

<b>Fund</b>	<b>Original Total Budget</b>	<b>Current Total Budget</b>	<b>MTD Activity</b>	<b>YTD Activity</b>	<b>Budget Remaining</b>
050 - RETAIL	610,600.00	610,600.00	262,755.63	-218,818.15	829,418.15
<b>Total Surplus (Deficit):</b>	<b>610,600.00</b>	<b>610,600.00</b>	<b>262,755.63</b>	<b>-218,818.15</b>	



San Juan Water District, CA

# Retail Capital Income Statement

## Group Summary

For Fiscal: 2018-2019 Period Ending: 03/31/2019

Account	Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
<b>Fund: 055 - Retail Capital Outlay</b>					
<b>Revenue</b>					
42000 - Taxes & Assessments	1,094,700.00	1,094,700.00	0.00	613,153.20	481,546.80
44000 - Connection Fees	100,000.00	100,000.00	0.00	51,351.00	48,649.00
49000 - Other Non-Operating Revenue	65,000.00	65,000.00	0.00	80,016.76	-15,016.76
49990 - Transfer In	275,300.00	275,300.00	0.00	0.00	275,300.00
<b>Revenue Total:</b>	<b>1,535,000.00</b>	<b>1,535,000.00</b>	<b>0.00</b>	<b>744,520.96</b>	<b>790,479.04</b>
<b>Expense</b>					
54000 - Professional Services	358,000.00	358,000.00	0.00	0.00	358,000.00
55000 - Maintenance	150,800.00	150,800.00	0.00	106,306.91	44,493.09
61000 - Capital Outlay	5,505,300.00	5,505,300.00	517,266.80	2,357,611.65	3,147,688.35
<b>Expense Total:</b>	<b>6,014,100.00</b>	<b>6,014,100.00</b>	<b>517,266.80</b>	<b>2,463,918.56</b>	<b>3,550,181.44</b>
<b>Fund: 055 - Retail Capital Outlay Surplus (Deficit):</b>	<b>-4,479,100.00</b>	<b>-4,479,100.00</b>	<b>-517,266.80</b>	<b>-1,719,397.60</b>	<b>-2,759,702.40</b>
<b>Total Surplus (Deficit):</b>	<b>-4,479,100.00</b>	<b>-4,479,100.00</b>	<b>-517,266.80</b>	<b>-1,719,397.60</b>	

**Fund Summary**

<b>Fund</b>	<b>Original Total Budget</b>	<b>Current Total Budget</b>	<b>MTD Activity</b>	<b>YTD Activity</b>	<b>Budget Remaining</b>
055 - Retail Capital Outlay	-4,479,100.00	-4,479,100.00	-517,266.80	-1,719,397.60	-2,759,702.40
<b>Total Surplus (Deficit):</b>	<b>-4,479,100.00</b>	<b>-4,479,100.00</b>	<b>-517,266.80</b>	<b>-1,719,397.60</b>	

## Summary

## Project Summary

Project Number	Project Name	Total Revenue	Total Expense	Revenue Over/ (Under) Expenses
<a href="#">121965</a>	Oak Avenue - American River Canyon I	0.00	5,261.50	-5,261.50
<a href="#">141043</a>	2014 Drought Response - SSWD Antel	0.00	-33,883.00	33,883.00
<a href="#">171107</a>	FO 40 Transmission Pipeline Re-Lining	0.00	1,238,478.49	-1,238,478.49
<a href="#">171109</a>	GIS Assessment and Implementation	0.00	75,972.67	-75,972.67
<a href="#">175105</a>	6690-7767 Douglas Boulevard & Assor	0.00	1,454,202.95	-1,454,202.95
<a href="#">175107</a>	5700-5708 & 5640-5682 Main Avenue	0.00	17,206.88	-17,206.88
<a href="#">175109</a>	9151-9219 Oak Avenue Main Replacer	0.00	17,972.75	-17,972.75
<a href="#">175113</a>	7225-7355 Dambacher Drive	0.00	138,604.44	-138,604.44
<a href="#">175117</a>	Bacon Pressure Zone - Olive Ranch PR	0.00	6,292.00	-6,292.00
<a href="#">175119</a>	Bacon Pressure Zone - Cavitt Stallman	0.00	5,138.72	-5,138.72
<a href="#">181105</a>	Lime System Control & Feeder System	0.00	9,515.22	-9,515.22
<a href="#">181110</a>	Alum Feed Pumps Replacement	0.00	394.09	-394.09
<a href="#">181120</a>	Lime Grit Containment - Curbing and C	0.00	18.71	-18.71
<a href="#">181130</a>	Hinkle Reservoir Monitoring Wells Lev	0.00	24,913.76	-24,913.76
<a href="#">181150</a>	Madison #2 Mag Meter Replacement	0.00	30,479.63	-30,479.63
<a href="#">185115</a>	Lou Place-Tray Wy to Crown Point Vist	0.00	238,921.61	-238,921.61
<a href="#">185135</a>	Upper & Lower GB Pump Stn Low Flov	0.00	36,353.15	-36,353.15
<a href="#">185140</a>	Canyon Falls Village Pressure Reducing	0.00	3,461.65	-3,461.65
<a href="#">185160</a>	Containment Area for Vacuum & Mate	0.00	8,495.00	-8,495.00
<a href="#">185165</a>	Field Services/Engineering Building (Sf	0.00	84,185.20	-84,185.20
<a href="#">185185</a>	Edward Court Mainline - South of Lou	0.00	181.99	-181.99
<a href="#">191260</a>	On-Site Residuals Management Impro	0.00	22,040.26	-22,040.26
<a href="#">191275</a>	Clarifier Wall Lining & Leakage Repairs	0.00	5,465.00	-5,465.00
<a href="#">191280</a>	Hinkle Reservoir Cover	0.00	22.00	-22.00
<a href="#">195205</a>	Electrical Improvements to Field Servi	0.00	11,387.78	-11,387.78
<a href="#">195210</a>	SCADA Radio Replacments North Phas	0.00	1,150.00	-1,150.00
<a href="#">195225</a>	Kokila SJWD/PCWA Intertie	0.00	5,653.00	-5,653.00
<a href="#">195230</a>	Redbud/Lupin/Meadowlark Svc Repla	0.00	106,766.63	-106,766.63
<a href="#">195235</a>	Sandstone & Auberry Court to Hill Roa	0.00	6,272.31	-6,272.31
<a href="#">195255</a>	Bacon Pump Station Security Improve	0.00	4,375.00	-4,375.00
<a href="#">195260</a>	Replace Variable Frequency Drives (3 l	0.00	57,230.90	-57,230.90
<a href="#">195270</a>	SCADA Fiber Optic Comm Cabling - Ba	0.00	8,898.50	-8,898.50
<a href="#">195290</a>	Mooney Tank Building Roof Replacem	0.00	4,303.00	-4,303.00
<b>Project Totals:</b>		<b>0.00</b>	<b>3,595,731.79</b>	<b>-3,595,731.79</b>

## Group Summary

Group	Total Revenue	Total Expense	Revenue Over/ (Under) Expenses
CIP - Asset	0.00	2,391,117.59	-2,391,117.59
CIP - Capital Contribution	0.00	-33,883.00	33,883.00
CIP - Expense	0.00	1,238,497.20	-1,238,497.20
<b>Group Totals:</b>	<b>0.00</b>	<b>3,595,731.79</b>	<b>-3,595,731.79</b>

## Type Summary

Type	Total Revenue	Total Expense	Revenue Over/ (Under) Expenses
Administration	0.00	-33,883.00	33,883.00
Engineering	0.00	2,294,420.11	-2,294,420.11
Field Services	0.00	19,882.78	-19,882.78
Information Technology	0.00	8,898.50	-8,898.50
Water Treatment Plant	0.00	1,306,413.40	-1,306,413.40
<b>Type Totals:</b>	<b>0.00</b>	<b>3,595,731.79</b>	<b>-3,595,731.79</b>

## GL Account Summary

GL Account Number	GL Account Name	Total Revenue	Total Expense	Revenue Over/ (Under) Expenses
		0.00	11,113.99	11,113.99
010-220-54120	Professional Services - Other	0.00	4,435.00	4,435.00
011-20030	Retentions Payable	0.00	-56,327.12	-56,327.12
011-700-57120	Maintenance - Facility	0.00	1,300,270.61	1,300,270.61
011-700-61145	Capital Outlay - WTP & Improv...	0.00	31,968.28	31,968.28
011-700-61155	Capital Outlay - Reservoirs & I...	0.00	24,935.76	24,935.76
011-700-61160	Capital Outlay - Equipment and..	0.00	19,365.64	19,365.64
011-700-61180	Capital Outlay - Software	0.00	18,993.18	18,993.18
011-700-74090	Contributions to Others	0.00	-38,318.00	-38,318.00
055-20030	Retentions Payable	0.00	-49,900.29	-49,900.29
055-700-61135	Capital Outlay - Pump Stations...	0.00	110,319.20	110,319.20
055-700-61140	Capital Outlay - Buildings & Im...	0.00	112,801.78	112,801.78
055-700-61150	Capital Outlay - Mains/Pipeline...	0.00	2,047,944.27	2,047,944.27
055-700-61160	Capital Outlay - Equipment and..	0.00	1,150.00	1,150.00
055-700-61180	Capital Outlay - Software	0.00	56,979.49	56,979.49
	<b>GL Account Totals:</b>	<b>0.00</b>	<b>3,595,731.79</b>	<b>3,595,731.79</b>





San Juan Water District, CA

# Balance Sheet

## Account Summary

As Of 03/31/2019

Account	010 - WHOLESALE	011 - Wholesale Capital Outlay	050 - RETAIL	055 - Retail Capital Outlay	Total
<b>Asset</b>					
<b>Type: 1000 - Assets</b>					
10010 - Cash and Investments	6,552,244.60	10,898,476.98	2,091,963.84	5,787,502.95	25,330,188.37
10510 - Accounts Receivable	586,122.98	0.84	225,085.65	0.06	811,209.53
11000 - Inventory	0.00	0.00	167,648.14	0.00	167,648.14
12000 - Prepaid Expense	29,920.00	0.00	29,920.00	0.00	59,840.00
14010 - Deferred Outflows	4,779,860.95	0.00	5,666,543.09	0.00	10,446,404.04
17010 - Capital Assets - Work in Progress	119,719.83	0.00	1,200,506.28	0.00	1,320,226.11
17150 - Capital Assets - Land Non-depreciable	98,212.00	0.00	166,272.00	0.00	264,484.00
17160 - Capital Assets - Land Improvements	814,105.59	0.00	83,970.80	0.00	898,076.39
17200 - Capital Assets - Pump Stations & Improvements	7,047,178.00	0.00	5,527,475.04	0.00	12,574,653.04
17300 - Capital Assets - Buildings & Improvements	1,296,460.92	0.00	55,440.68	0.00	1,351,901.60
17350 - Capital Assets - Water Treatment Plant & Imp	35,529,240.97	0.00	16,000.00	0.00	35,545,240.97
17400 - Capital Assets - Mains/Pipelines & Improvements	29,288,015.94	0.00	42,097,313.07	0.00	71,385,329.01
17500 - Capital Assets - Reservoirs & Improvements	2,876,930.81	0.00	2,492,421.90	0.00	5,369,352.71
17700 - Capital Assets - Equipment & Furniture	13,623,189.97	0.00	1,051,807.09	0.00	14,674,997.06
17750 - Capital Assets - Vehicles	316,440.00	0.00	510,886.87	0.00	827,326.87
17800 - Capital Assets - Software	447,653.38	0.00	403,200.40	0.00	850,853.78
17850 - Capital Assets - Intangible	666,196.00	0.00	0.00	0.00	666,196.00
17900 - Less Accumulated Depreciation	-35,623,074.98	0.00	-27,567,347.98	0.00	-63,190,422.96
19015 - 2012 Premiums on Refunding Bonds	-552,686.28	0.00	-300,093.04	0.00	-852,779.32
<b>Total Type 1000 - Assets:</b>	<b>67,895,730.68</b>	<b>10,898,477.82</b>	<b>33,919,013.83</b>	<b>5,787,503.01</b>	<b>118,500,725.34</b>
<b>Total Asset:</b>	<b>67,895,730.68</b>	<b>10,898,477.82</b>	<b>33,919,013.83</b>	<b>5,787,503.01</b>	<b>118,500,725.34</b>
<b>Liability</b>					
<b>Type: 1000 - Assets</b>					
10510 - Accounts Receivable	0.00	0.00	98,822.67	0.00	98,822.67
<b>Total Type 1000 - Assets:</b>	<b>0.00</b>	<b>0.00</b>	<b>98,822.67</b>	<b>0.00</b>	<b>98,822.67</b>
<b>Type: 2000 - Liabilities</b>					
20010 - Accounts Payable	92,017.99	30,727.59	81,571.66	484,583.68	688,900.92
20100 - Retentions Payable	0.00	56,327.12	0.00	100,391.34	156,718.46
21200 - Salaries & Benefits Payable	32,853.31	0.00	53,590.84	0.00	86,444.15
21250 - Payroll Taxes Payable	0.01	0.00	-0.01	0.00	0.00
21300 - Compensated Absences	313,125.59	0.00	470,930.53	0.00	784,056.12
21500 - Premium on Issuance of Bonds Series 2017	1,382,904.36	0.00	777,883.70	0.00	2,160,788.06
21600 - OPEB Liability	1,868,077.67	0.00	2,435,346.48	0.00	4,303,424.15

**Balance Sheet**

As Of 03/31/2019

Account	010 - WHOLESALE	011 - Wholesale Capital Outlay	050 - RETAIL	055 - Retail Capital Outlay	Total
21700 - Pension Liability	1,985,100.80	0.00	2,816,714.96	0.00	4,801,815.76
22010 - Deferred Income	0.00	0.00	49,604.92	0.00	49,604.92
22050 - Deferred Inflows	1,448,541.04	0.00	1,934,601.33	0.00	3,383,142.37
24200 - 2012 Bonds Payable	6,099,804.92	0.00	3,312,021.84	0.00	9,411,826.76
24250 - Bonds Payable 2017 Refunding	15,753,600.00	0.00	8,861,400.00	0.00	24,615,000.00
29010 - Other Payables	230,200.00	0.00	0.00	0.00	230,200.00
<b>Total Type 2000 - Liabilities:</b>	<b>29,206,225.69</b>	<b>87,054.71</b>	<b>20,793,666.25</b>	<b>584,975.02</b>	<b>50,671,921.67</b>
<b>Total Liability:</b>	<b>29,206,225.69</b>	<b>87,054.71</b>	<b>20,892,488.92</b>	<b>584,975.02</b>	<b>50,770,744.34</b>
<b>Equity</b>					
<b>Type: 3000 - Equity</b>					
30100 - Investment in Capital Assets	33,105,804.95	0.00	13,014,612.39	0.00	46,120,417.34
30500 - Designated Reserves	1,315,048.71	10,012,861.35	230,730.67	6,921,925.59	18,480,566.32
<b>Total Type 3000 - Equity:</b>	<b>34,420,853.66</b>	<b>10,012,861.35</b>	<b>13,245,343.06</b>	<b>6,921,925.59</b>	<b>64,600,983.66</b>
<b>Total Total Beginning Equity:</b>	<b>34,420,853.66</b>	<b>10,012,861.35</b>	<b>13,245,343.06</b>	<b>6,921,925.59</b>	<b>64,600,983.66</b>
Total Revenue	9,839,692.20	2,166,891.22	7,114,856.15	744,520.96	19,865,960.53
Total Expense	5,571,040.87	1,368,329.46	7,333,674.30	2,463,918.56	16,736,963.19
<b>Revenues Over/Under Expenses</b>	<b>4,268,651.33</b>	<b>798,561.76</b>	<b>-218,818.15</b>	<b>-1,719,397.60</b>	<b>3,128,997.34</b>
<b>Total Equity and Current Surplus (Deficit):</b>	<b>38,689,504.99</b>	<b>10,811,423.11</b>	<b>13,026,524.91</b>	<b>5,202,527.99</b>	<b>67,729,981.00</b>
<b>Total Liabilities, Equity and Current Surplus (Deficit):</b>	<b>67,895,730.68</b>	<b>10,898,477.82</b>	<b>33,919,013.83</b>	<b>5,787,503.01</b>	<b>118,500,725.34</b>



San Juan Water District, CA

# Check Report

By Check Number

Date Range: 03/01/2019 - 03/31/2019

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
<b>Bank Code: APBNK-APBNK</b>						
03406	Alpha Analytical Laboratories Inc.	03/05/2019	Regular	0.00	423.00	53888
01073	Amarjeet Singh Garcha	03/05/2019	Regular	0.00	240.00	53889
01138	AT&T Mobility II LLC	03/05/2019	Regular	0.00	126.48	53890
01164	Backflow Distributors Inc	03/05/2019	Regular	0.00	1,102.15	53891
01182	Bartkiewicz, Kronick & Shanahan	03/05/2019	Regular	0.00	14,355.40	53892
03594	Borges & Mahoney, Inc.	03/05/2019	Regular	0.00	1,017.58	53893
01423	County of Sacramento	03/05/2019	Regular	0.00	174.00	53894
01494	Dewey Services Inc.	03/05/2019	Regular	0.00	85.00	53895
03548	Digital Deployment, Inc.	03/05/2019	Regular	0.00	400.00	53896
01554	Electrical Equipment Co	03/05/2019	Regular	0.00	56.16	53897
01609	Federal Express Corporation	03/05/2019	Regular	0.00	25.93	53898
01650	Furniture at Work, Inc	03/05/2019	Regular	0.00	451.52	53899
01068	Glenn C. Walker	03/05/2019	Regular	0.00	1,024.40	53900
03091	Granite Bay Ace Hardware	03/05/2019	Regular	0.00	42.37	53901
03235	HD Supply Construction Supply LTD	03/05/2019	Regular	0.00	20.78	53902
03311	Jensen Instrument Co. of Northern California, Inc.	03/05/2019	Regular	0.00	474.94	53903
03669	MFDB Architects, Inc.	03/05/2019	Regular	0.00	14,286.00	53904
02150	Pace Supply Corp	03/05/2019	Regular	0.00	237.64	53905
02223	Rexel Inc (Platt - Rancho Cordova)	03/05/2019	Regular	0.00	861.78	53906
02328	Rocklin Windustrial Co	03/05/2019	Regular	0.00	291.95	53907
03309	Sorum, Mark	03/05/2019	Regular	0.00	8,200.00	53908
02463	The New AnswerNet	03/05/2019	Regular	0.00	278.90	53909
01844	Thorne, Jedediah	03/05/2019	Regular	0.00	145.00	53910
02624	Trace Analytics LLC	03/05/2019	Regular	0.00	674.72	53911
02629	Trench & Traffic Supply Inc.	03/05/2019	Regular	0.00	605.96	53912
02766	Youngdahl Consulting Group, Inc.	03/05/2019	Regular	0.00	248.00	53913
03406	Alpha Analytical Laboratories Inc.	03/11/2019	Regular	0.00	873.00	53914
01073	Amarjeet Singh Garcha	03/11/2019	Regular	0.00	3,400.00	53915
01026	American River Ace Hardware, Inc.	03/11/2019	Regular	0.00	15.49	53916
03594	Borges & Mahoney, Inc.	03/11/2019	Regular	0.00	184.45	53917
01235	BSK Associates	03/11/2019	Regular	0.00	144.00	53918
03699	Environmental System Research Institute, Inc.	03/11/2019	Regular	0.00	25,000.00	53919
03173	Foley, Jacqueline	03/11/2019	Regular	0.00	60.00	53920
01681	Golden State Flow Measurements, Inc.	03/11/2019	Regular	0.00	2,437.42	53921
01684	Government Finance Officers Association	03/11/2019	Regular	0.00	310.00	53922
03091	Granite Bay Ace Hardware	03/11/2019	Regular	0.00	116.91	53923
02567	Grant, Teri	03/11/2019	Regular	0.00	47.56	53924
01706	Graymont Western US Inc.	03/11/2019	Regular	0.00	5,667.64	53925
01733	Harris Industrial Gases	03/11/2019	Regular	0.00	56.79	53926
02024	MCI WORLDCOM	03/11/2019	Regular	0.00	115.07	53927
02022	Morgan, Daren P.	03/11/2019	Regular	0.00	279.79	53928
02131	Office Depot, Inc.	03/11/2019	Regular	0.00	449.90	53929
02150	Pace Supply Corp	03/11/2019	Regular	0.00	247.89	53930
03026	PFM Asset Management	03/11/2019	Regular	0.00	943.59	53931
02281	Ray A Morgan Company Inc	03/11/2019	Regular	0.00	66.11	53932
02223	Rexel Inc (Platt - Rancho Cordova)	03/11/2019	Regular	0.00	19,933.43	53933
01411	SureWest Telephone	03/11/2019	Regular	0.00	1,617.60	53934
03644	Tully & Young, Inc.	03/11/2019	Regular	0.00	420.00	53935
02638	Tyler Technologies, Inc.	03/11/2019	Regular	0.00	960.00	53936
02700	Viking Shred LLC	03/11/2019	Regular	0.00	50.00	53937
01687	W. W. Grainger, Inc.	03/11/2019	Regular	0.00	38.27	53938
03406	Alpha Analytical Laboratories Inc.	03/18/2019	Regular	0.00	1,111.00	53940
01026	American River Ace Hardware, Inc.	03/18/2019	Regular	0.00	61.63	53941
01027	Association of California Water Agencies	03/18/2019	Regular	0.00	2,000.00	53942

## Check Report

Date Range: 03/01/2019 - 03/31/2019

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
03594	Borges & Mahoney, Inc.	03/18/2019	Regular	0.00	17.42	53943
01241	Bureau of Reclamation CCAO	03/18/2019	Regular	0.00	5,500.00	53944
03649	Caggiano General Engineering, Inc.	03/18/2019	Regular	0.00	28,832.50	53945
03104	Capital Datacorp	03/18/2019	Regular	0.00	162.55	53946
03226	Capitol Sand and Gravel Co.	03/18/2019	Regular	0.00	1,975.74	53947
01372	City of Folsom	03/18/2019	Regular	0.00	29.12	53948
02214	County of Placer Engineering & Surveying	03/18/2019	Regular	0.00	8,694.25	53949
01494	Dewey Services Inc.	03/18/2019	Regular	0.00	85.00	53950
03147	EDGES ELECTRICAL GROUP LLC	03/18/2019	Regular	0.00	3,572.23	53951
03091	Granite Bay Ace Hardware	03/18/2019	Regular	0.00	130.49	53952
03383	Inferrera Construction Management Group, Inc.	03/18/2019	Regular	0.00	40,051.50	53953
01814	J. Fletcher Creamer & Son, Inc.	03/18/2019	Regular	0.00	351,606.40	53954
03533	M&C Bliss Enterprises Inc	03/18/2019	Regular	0.00	105.87	53955
03701	Makovey, Yelena G	03/18/2019	Regular	0.00	5,492.92	53956
02131	Office Depot, Inc.	03/18/2019	Regular	0.00	163.26	53957
02150	Pace Supply Corp	03/18/2019	Regular	0.00	2,953.74	53958
02146	PG&E	03/18/2019	Regular	0.00	7,322.35	53959
	**Void**	03/18/2019	Regular	0.00	0.00	53960
02283	Recology Auburn Placer	03/18/2019	Regular	0.00	643.47	53961
02223	Rexel Inc (Platt - Rancho Cordova)	03/18/2019	Regular	0.00	2,597.69	53962
02293	RFI Enterprises, Inc	03/18/2019	Regular	0.00	51.34	53963
02302	Riebes Auto Parts, LLC	03/18/2019	Regular	0.00	49.21	53964
02357	Sacramento Municipal Utility District (SMUD)	03/18/2019	Regular	0.00	7,556.95	53965
02580	The Eidam Corporation	03/18/2019	Regular	0.00	5,679.55	53966
02463	The New AnswerNet	03/18/2019	Regular	0.00	290.00	53967
02651	United Parcel Service Inc	03/18/2019	Regular	0.00	208.46	53968
02667	US Bank Corporate Payments Sys (CalCard)	03/18/2019	Regular	0.00	17,390.44	53969
	**Void**	03/18/2019	Regular	0.00	0.00	53970
	**Void**	03/18/2019	Regular	0.00	0.00	53971
	**Void**	03/18/2019	Regular	0.00	0.00	53972
	**Void**	03/18/2019	Regular	0.00	0.00	53973
	**Void**	03/18/2019	Regular	0.00	0.00	53974
	**Void**	03/18/2019	Regular	0.00	0.00	53975
	**Void**	03/18/2019	Regular	0.00	0.00	53976
03284	Vavrinek, Trine, Day & Co, LLP	03/18/2019	Regular	0.00	1,300.00	53977
01687	W. W. Grainger, Inc.	03/18/2019	Regular	0.00	138.50	53978
02690	Verizon Wireless	03/18/2019	Regular	0.00	1,253.59	53979
01112	ACS (US), Inc.	03/26/2019	Regular	0.00	8,750.00	53980
03406	Alpha Analytical Laboratories Inc.	03/26/2019	Regular	0.00	1,063.00	53981
01026	American River Ace Hardware, Inc.	03/26/2019	Regular	0.00	8.72	53982
01378	Clark Pest Control of Stockton	03/26/2019	Regular	0.00	150.00	53983
03548	Digital Deployment, Inc.	03/26/2019	Regular	0.00	400.00	53984
01681	Golden State Flow Measurements, Inc.	03/26/2019	Regular	0.00	13,167.61	53985
03091	Granite Bay Ace Hardware	03/26/2019	Regular	0.00	56.13	53986
03501	Hidden Valley Pump Systems	03/26/2019	Regular	0.00	2,479.31	53987
03072	HUNT & SONS INC.	03/26/2019	Regular	0.00	297.17	53988
02131	Office Depot, Inc.	03/26/2019	Regular	0.00	518.60	53989
02150	Pace Supply Corp	03/26/2019	Regular	0.00	2,617.00	53990
02210	Placer County Water Agency	03/26/2019	Regular	0.00	72,625.00	53991
02223	Rexel Inc (Platt - Rancho Cordova)	03/26/2019	Regular	0.00	2,515.23	53992
02395	SAFETY KLEEN SYSTEMS INC.	03/26/2019	Regular	0.00	990.58	53993
02452	Sierra National Construction, Inc.	03/26/2019	Regular	0.00	4,069.53	53994
02508	State Board of Equalization	03/26/2019	Regular	0.00	2,125.00	53995
	**Void**	03/26/2019	Regular	0.00	0.00	53996
	**Void**	03/26/2019	Regular	0.00	0.00	53997
02540	Sutter Medical Foundation	03/26/2019	Regular	0.00	371.00	53998
02622	Total Compensation Systems, Inc.	03/26/2019	Regular	0.00	810.00	53999
02638	Tyler Technologies, Inc.	03/26/2019	Regular	0.00	651.51	54000
03637	Urban Futures Inc	03/26/2019	Regular	0.00	2,187.50	54001
02700	Viking Shred LLC	03/26/2019	Regular	0.00	50.00	54002
01687	W. W. Grainger, Inc.	03/26/2019	Regular	0.00	10.39	54003

Check Report

Date Range: 03/01/2019 - 03/31/2019

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
02766	Youngdahl Consulting Group, Inc.	03/26/2019	Regular	0.00	933.00	54004
01641	Sun Life Assurance Company of Canada	03/08/2019	Bank Draft	0.00	9,799.53	204988
03681	Allied Electronics Inc.	03/05/2019	EFT	0.00	202.61	405876
01385	Clear Edge Filtration, Inc.	03/05/2019	EFT	0.00	3,250.52	405877
03237	GM Construction & Developers, Inc	03/05/2019	EFT	0.00	2,611.87	405878
01721	Hach Company	03/05/2019	EFT	0.00	1,938.61	405879
03687	HD Supply Facilities Maintenance Ltd.	03/05/2019	EFT	0.00	2,039.20	405880
03676	Industrial Container Services - CA North, LLC	03/05/2019	EFT	0.00	34.75	405881
01895	Joseph G Pollard Co, Inc	03/05/2019	EFT	0.00	405.83	405882
03628	Lees Automotive Repair Inc.	03/05/2019	EFT	0.00	936.01	405883
02027	Mcmaster-Carr Supply Company	03/05/2019	EFT	0.00	41.80	405884
02308	River City Staffing, Inc.	03/05/2019	EFT	0.00	733.76	405885
02581	The Ferguson Group, LLC	03/05/2019	EFT	0.00	119.99	405886
01282	California Independent System Operator Corporat	03/11/2019	EFT	0.00	416.64	405887
03221	Chemtrade Chemicals Corporation	03/11/2019	EFT	0.00	4,275.55	405888
01521	DataProse, LLC	03/11/2019	EFT	0.00	7,681.72	405889
01486	Department of Energy	03/11/2019	EFT	0.00	3,400.73	405890
03695	GHD Inc.	03/11/2019	EFT	0.00	7,352.00	405891
03593	Hanneman, Martin W	03/11/2019	EFT	0.00	9.28	405892
01741	HDR Engineering, Inc.	03/11/2019	EFT	0.00	6,581.68	405893
01798	Integrity Data & Fiber, Inc.	03/11/2019	EFT	0.00	8,843.50	405894
03628	Lees Automotive Repair Inc.	03/11/2019	EFT	0.00	105.63	405895
03023	Pepperl+Fuchs, Inc.	03/11/2019	EFT	0.00	203.05	405896
02308	River City Staffing, Inc.	03/11/2019	EFT	0.00	733.76	405897
03220	Solenis LLP	03/11/2019	EFT	0.00	3,822.39	405898
02581	The Ferguson Group, LLC	03/11/2019	EFT	0.00	6,000.00	405899
02162	Tobin, Pamela	03/11/2019	EFT	0.00	286.72	405900
02643	Underground Service Alert of Northern California	03/11/2019	EFT	0.00	2,132.76	405901
02674	Utility Services Associates, LLC	03/11/2019	EFT	0.00	1,438.00	405902
03387	WageWorks, Inc	03/11/2019	EFT	0.00	259.15	405903
01242	Bureau of Reclamation-MPR	03/18/2019	EFT	0.00	9,146.00	405904
03221	Chemtrade Chemicals Corporation	03/18/2019	EFT	0.00	4,096.58	405905
01486	Department of Energy	03/18/2019	EFT	0.00	738.17	405906
02027	Mcmaster-Carr Supply Company	03/18/2019	EFT	0.00	76.96	405907
02158	Pacific Storage Company	03/18/2019	EFT	0.00	41.72	405908
03700	Westin Technology Solutions, LLC	03/18/2019	EFT	0.00	8,261.00	405909
03681	Allied Electronics Inc.	03/26/2019	EFT	0.00	394.14	405910
01328	Association of California Water Agencies / Joint P	03/26/2019	EFT	0.00	7,533.43	405911
	**Void**	03/26/2019	EFT	0.00	0.00	405912
01234	Bryce HR Consulting, Inc.	03/26/2019	EFT	0.00	935.00	405913
03097	E.S West Coast, LLC.	03/26/2019	EFT	0.00	3,542.28	405914
01611	Ferguson Enterprises, Inc	03/26/2019	EFT	0.00	810.70	405915
01741	HDR Engineering, Inc.	03/26/2019	EFT	0.00	29,753.62	405916
03628	Lees Automotive Repair Inc.	03/26/2019	EFT	0.00	1,408.92	405917
03553	Mallory Safety and Supply LLC	03/26/2019	EFT	0.00	376.52	405918
02069	Motion Industries	03/26/2019	EFT	0.00	79.91	405919
02592	The Reed Group, Inc.	03/26/2019	EFT	0.00	2,890.52	405920
03387	WageWorks, Inc	03/26/2019	EFT	0.00	259.15	405921
02710	WageWorks, Inc	03/26/2019	EFT	0.00	172.00	405922
02730	Western Area Power Administration	03/26/2019	EFT	0.00	7,215.00	405923
03077	VALIC	03/08/2019	Bank Draft	0.00	4,524.54	0007723908
03077	VALIC	03/22/2019	Bank Draft	0.00	4,495.88	0007735582
03078	CalPERS Health	03/01/2019	Bank Draft	0.00	42,291.34	1001272117
03078	CalPERS Health	03/01/2019	Bank Draft	0.00	42,291.34	1001272117
03078	CalPERS Health	03/01/2019	Bank Draft	0.00	37,375.18	1001272117
01366	Citistreet/CalPERS 457	03/08/2019	Bank Draft	0.00	3,627.96	1001276856
03130	CalPERS Retirement	03/08/2019	Bank Draft	0.00	525.71	1001276858
03130	CalPERS Retirement	03/08/2019	Bank Draft	0.00	34,206.55	1001276858
03130	CalPERS Retirement	03/22/2019	Bank Draft	0.00	34,099.80	1001286037
01366	Citistreet/CalPERS 457	03/22/2019	Bank Draft	0.00	3,627.96	1001286043
03080	California State Disbursement Unit	03/22/2019	Bank Draft	0.00	750.92	5HCOWOC6657

Check Report

Date Range: 03/01/2019 - 03/31/2019

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
03080	California State Disbursement Unit	03/07/2019	Bank Draft	0.00	750.92	QUEORSF6659
03163	Economic Development Department	03/25/2019	Bank Draft	0.00	504.18	1-703-370-944
03163	Economic Development Department	03/25/2019	Bank Draft	0.00	8,084.56	1-703-370-944
03163	Economic Development Department	03/08/2019	Bank Draft	0.00	8,408.40	1-883-963-584
03163	Economic Development Department	03/01/2019	Bank Draft	0.00	3,422.89	1-915-961-152
01039	American Family Life Assurance Company of Colu	03/25/2019	Bank Draft	0.00	691.28	Q3869 03-25-19
01039	American Family Life Assurance Company of Colu	03/25/2019	Bank Draft	0.00	691.28	Q3869 03-25-19
03164	Internal Revenue Service	03/08/2019	Bank Draft	0.00	48,783.89	2709467144925
03164	Internal Revenue Service	03/25/2019	Bank Draft	0.00	47,389.74	2709484920635
03164	Internal Revenue Service	03/25/2019	Bank Draft	0.00	2,613.98	2709484920635

Bank Code APBNK Summary

Payment Type	Payable Count	Payment Count	Discount	Payment
Regular Checks	167	106	0.00	723,158.02
Manual Checks	0	0	0.00	0.00
Voided Checks	0	10	0.00	0.00
Bank Drafts	22	22	0.00	338,957.83
EFT's	62	48	0.00	143,589.13
	<b>251</b>	<b>186</b>	<b>0.00</b>	<b>1,205,704.98</b>

### All Bank Codes Check Summary

Payment Type	Payable Count	Payment Count	Discount	Payment
Regular Checks	167	106	0.00	723,158.02
Manual Checks	0	0	0.00	0.00
Voided Checks	0	10	0.00	0.00
Bank Drafts	22	22	0.00	338,957.83
EFT's	62	48	0.00	143,589.13
	<b>251</b>	<b>186</b>	<b>0.00</b>	<b>1,205,704.98</b>

### Fund Summary

Fund	Name	Period	Amount
999	INTERCOMPANY	3/2019	1,205,704.98
			<b>1,205,704.98</b>



San Juan Water District, CA

# Vendor History Report

By Vendor Name

Posting Date Range 07/01/2018 - 03/31/2019

Payment Date Range -

Payable Number	Description	Units	Price	Post Date	1099 Account Number	Payment Number	Payment Date	Amount	Shipping	Tax	Discount	Net	Payment
Item Description				Amount			Account Name	Dist Amount					
<b>Vendor Set: 01 - Vendor Set 01</b>													
<b>02556 - Costa, Ted</b>													
Exp Reimb 11-2018	ACWA Fall Conf Expense Reimbursement 11-11/30/2018					53619	12/17/2018	574.87	0.00	0.00	0.00	574.87	574.87
ACWA Fall Conf Expense I		0.00	0.00	574.87	010-010-52110		Training - Meetings, Education & Trai	287.44					
					050-010-52110		Training - Meetings, Education & Trai	287.43					
<b>01916 - Miller, Ken</b>													
Exp Reimb 08-2018	Exp Reimb 08-2018-Mileage PCWA 2x2 Meet 8/31/2018					53205	9/10/2018	16.90	0.00	0.00	0.00	16.90	16.90
Exp Reimb 08-2018-Mileage		0.00	0.00	16.90	010-010-52110		Training - Meetings, Education & Trai	15.21					
					050-010-52110		Training - Meetings, Education & Trai	1.69					
Exp Reimb 10-2018	Mileage Reimbursement -SGA 20th Annivers:10/18/2018					53478	11/13/2018	13.63	0.00	0.00	0.00	13.63	13.63
Mileage Reimbursement		0.00	0.00	13.63	010-010-52110		Training - Meetings, Education & Trai	6.82					
					050-010-52110		Training - Meetings, Education & Trai	6.81					
Exp Reimb 11-2018	ACWA Fall Conference Exp Reimb 11-2018 11/30/2018					53599	12/10/2018	1,757.98	0.00	0.00	0.00	1,757.98	1,757.98
ACWA Fall Conference Ex		0.00	0.00	1,757.98	010-010-52110		Training - Meetings, Education & Trai	878.99					
					050-010-52110		Training - Meetings, Education & Trai	878.99					
<b>03092 - Rich, Dan</b>													
Exp Reimb 09-2018	Mileage Reimb-EE BBQ					53350	10/15/2018	6.00	0.00	0.00	0.00	6.00	6.00
Mileage Reimb-EE BBQ		0.00	0.00	6.00	010-010-52110		Training - Meetings, Education & Trai	3.00					
					050-010-52110		Training - Meetings, Education & Trai	3.00					
Exp Reimb 10-2018	Mileage Reimbursement-SGA 20th Anniversa10/18/2018					53488	11/13/2018	9.27	0.00	0.00	0.00	9.27	9.27
Mileage Reimbursement-		0.00	0.00	9.27	010-010-52110		Training - Meetings, Education & Trai	4.64					
					050-010-52110		Training - Meetings, Education & Trai	4.63					
Exp Reimb 11-2018	ACWA Fall Conference Expense Reimb 11-2018 11/30/2018					53633	12/17/2018	213.43	0.00	0.00	0.00	213.43	213.43
ACWA Fall Conference Ex		0.00	0.00	213.43	010-010-52110		Training - Meetings, Education & Trai	106.72					
					050-010-52110		Training - Meetings, Education & Trai	106.71					
<b>02162 - Tobin, Pamela</b>													
Exp Reimb 01-2019	Mileage Reimbursement-Variou Meetings 1/31/2019					405847	2/11/2019	160.70	0.00	0.00	0.00	160.70	160.70
Mileage Reimbursement-		0.00	0.00	160.70	010-010-52110		Training - Meetings, Education & Trai	80.35					
					050-010-52110		Training - Meetings, Education & Trai	80.35					
Exp Reimb 02-2019	Exp Reimb-ACWA Conf & Mileage Variou M12/28/2019					405900	3/11/2019	286.72	0.00	0.00	0.00	286.72	286.72
Exp Reimb-ACWA Conf &		0.00	0.00	286.72	010-010-52110		Training - Meetings, Education & Trai	143.36					
					050-010-52110		Training - Meetings, Education & Trai	143.36					
Exp Reimb 03-2019	Mileage & Parking-Variou Meetings 3/31/2019					405949	4/8/2019	68.50	0.00	0.00	0.00	68.50	68.50



**Vendor History Report**

**Posting Date Range 07/01/2018 - 03/31/2019**

Payable Number	Description	Post Date	1099	Payment Number	Payment Date	Amount	Shipping	Tax	Discount	Net	Payment	
Item Description	Units	Price	Amount	Account Number	Account Name	Dist Amount						
Mileage & Parking-Variou	0.00	0.00	68.50	010-010-52110	Training - Meetings, Education & Trai	34.25						
				050-010-52110	Training - Meetings, Education & Trai	34.25						
Exp Reimb 07-2018	Mileage Exp Reimb-Various Meetings& ACW	7/30/2018		405547								
Mileage Exp Reimb-Vario	0.00	0.00	105.75	010-010-52110	Training - Meetings, Education & Trai	52.88				105.75	105.75	
				050-010-52110	Training - Meetings, Education & Trai	52.87						
Exp Reimb 08-2018	Mileage Expense Reimbursement-Various Me	8/31/2018		405608								
Mileage Expense Reimbu	0.00	0.00	38.70	010-010-52110	Training - Meetings, Education & Trai	19.35				38.70	38.70	
				050-010-52110	Training - Meetings, Education & Trai	19.35						
Exp Reimb 09-2018	Mileage & Exp Reimb-Various Meetings	9/30/2018		405667								
Mileage & Exp Reimb-Var	0.00	0.00	173.33	010-010-52110	Training - Meetings, Education & Trai	86.66				173.33	173.33	
				050-010-52110	Training - Meetings, Education & Trai	86.67						
Exp Reimb 10-2018	Mileage Reimbursement-Various Meetings	10/26/2018		405718								
Mileage Reimbursement-	0.00	0.00	83.93	010-010-52110	Training - Meetings, Education & Trai	41.97				83.93	83.93	
				050-010-52110	Training - Meetings, Education & Trai	41.96						
Exp Reimb 11-2018	ACWA Fall Conference Expense Reimburseme	11/30/2018		405758								
ACWA Fall Conference Ex	0.00	0.00	321.59	010-010-52110	Training - Meetings, Education & Trai	160.80				321.59	321.59	
				050-010-52110	Training - Meetings, Education & Trai	160.79						
Exp Reimb 12-2018	Mileage Reimbursement Various Meetings 1	12/26/2018		405803								
Mileage Reimbursement	0.00	0.00	19.62	010-010-52110	Training - Meetings, Education & Trai	9.81				19.62	19.62	
				050-010-52110	Training - Meetings, Education & Trai	9.81						
<b>Vendors: (4)</b>						<b>Total 01 - Vendor Set 01:</b>	<b>3,850.92</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>3,850.92</b>	<b>3,850.92</b>
<b>Vendors: (4)</b>						<b>Report Total:</b>	<b>3,850.92</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>3,850.92</b>	<b>3,850.92</b>



Payroll Set: 01-San Juan Water District

Employee Number	Employee Name	Pay Code	# of Payments	Units	Pay Amount
<a href="#">0690</a>	Costa,Ted	Reg - Regular Hours	9	43.00	5,375.00
			<b>0690 - Costa Total:</b>	<b>43.00</b>	<b>5,375.00</b>
<a href="#">1028</a>	Hanneman,Martin W	Reg - Regular Hours	9	40.00	5,000.00
			<b>1028 - Hanneman Total:</b>	<b>40.00</b>	<b>5,000.00</b>
<a href="#">0670</a>	Miller,Ken	Reg - Regular Hours	9	33.00	4,125.00
			<b>0670 - Miller Total:</b>	<b>33.00</b>	<b>4,125.00</b>
<a href="#">1003</a>	Rich,Daniel T	Reg - Regular Hours	9	25.00	3,125.00
			<b>1003 - Rich Total:</b>	<b>25.00</b>	<b>3,125.00</b>
<a href="#">0650</a>	Tobin,Pamela	Reg - Regular Hours	9	61.00	7,625.00
			<b>0650 - Tobin Total:</b>	<b>61.00</b>	<b>7,625.00</b>
			<b>Report Total:</b>	<b>202.00</b>	<b>25,250.00</b>



Payroll Set: 01-San Juan Water District

<u>Account</u>	<u>Account Description</u>	<u>Units</u>	<u>Pay Amount</u>
<a href="#">010-010-58110</a>	Director - Stipend	101.00	12,625.00
	<b>010 - WHOLESALE Total:</b>	<b>101.00</b>	<b>12,625.00</b>
<a href="#">050-010-58110</a>	Director - Stipend	101.00	12,625.00
	<b>050 - RETAIL Total:</b>	<b>101.00</b>	<b>12,625.00</b>
	<b>Report Total:</b>	<b>202.00</b>	<b>25,250.00</b>



# Pay Code Report

Pay Code Summary

7/1/2018 - 3/31/2019

Payroll Set: 01-San Juan Water District

<u>Pay Code</u>	<u>Description</u>	<u># of Payments</u>	<u>Units</u>	<u>Pay Amount</u>
Reg	Regular Hours	45	202.00	25,250.00
		<b>Report Total:</b>	<b>202.00</b>	<b>25,250.00</b>

## 2018/19 Actual Deliveries and Revenue - By Wholesale Customer Agency

July 2018 - March 2019								
	Budgeted Deliveries	Budgeted Revenue	Actual Deliveries	Actual Revenue	Delivery Variance		Revenue Variance	
San Juan Retail	8,263.08	\$ 2,219,573	7,973.60	\$ 2,196,085	(289.48)	-3.5%	\$ (23,488)	-1.1%
Citrus Heights Water District	7,682.87	\$ 2,243,673	6,839.92	\$ 2,175,276	(842.95)	<b>-11.0%</b>	\$ (68,397)	-3.0%
Fair Oaks Water District	5,380.09	\$ 1,605,027	4,624.67	\$ 1,543,732	(755.42)	<b>-14.0%</b>	\$ (61,295)	-3.8%
Orange Vale Water Co.	2,824.33	\$ 758,219	2,864.94	\$ 761,514	40.61	1.4%	\$ 3,295	0.4%
City of Folsom	843.08	\$ 221,733	787.33	\$ 217,210	(55.75)	-6.6%	\$ (4,523)	-2.0%
Granite Bay Golf Course	198.09	\$ 8,564	200.90	\$ 8,685	2.81	1.4%	\$ 121	1.4%
Sac Suburban Water District	8,400.00	\$ 1,482,516	10,215.37	\$ 1,832,116	1,815.37	21.6%	\$ 349,600	23.6%
Water Transfer	3,840.00	\$ 1,536,000	3,050.02	\$ 1,220,008	(789.98)	<b>-20.6%</b>	\$ (315,992)	-20.6%
TOTAL	<b>37,431.54</b>	<b>\$ 10,075,305</b>	<b>36,556.75</b>	<b>\$ 9,954,626</b>	<b>(874.79)</b>	<b>-2.3%</b>	<b>\$ (120,679)</b>	<b>-1.2%</b>

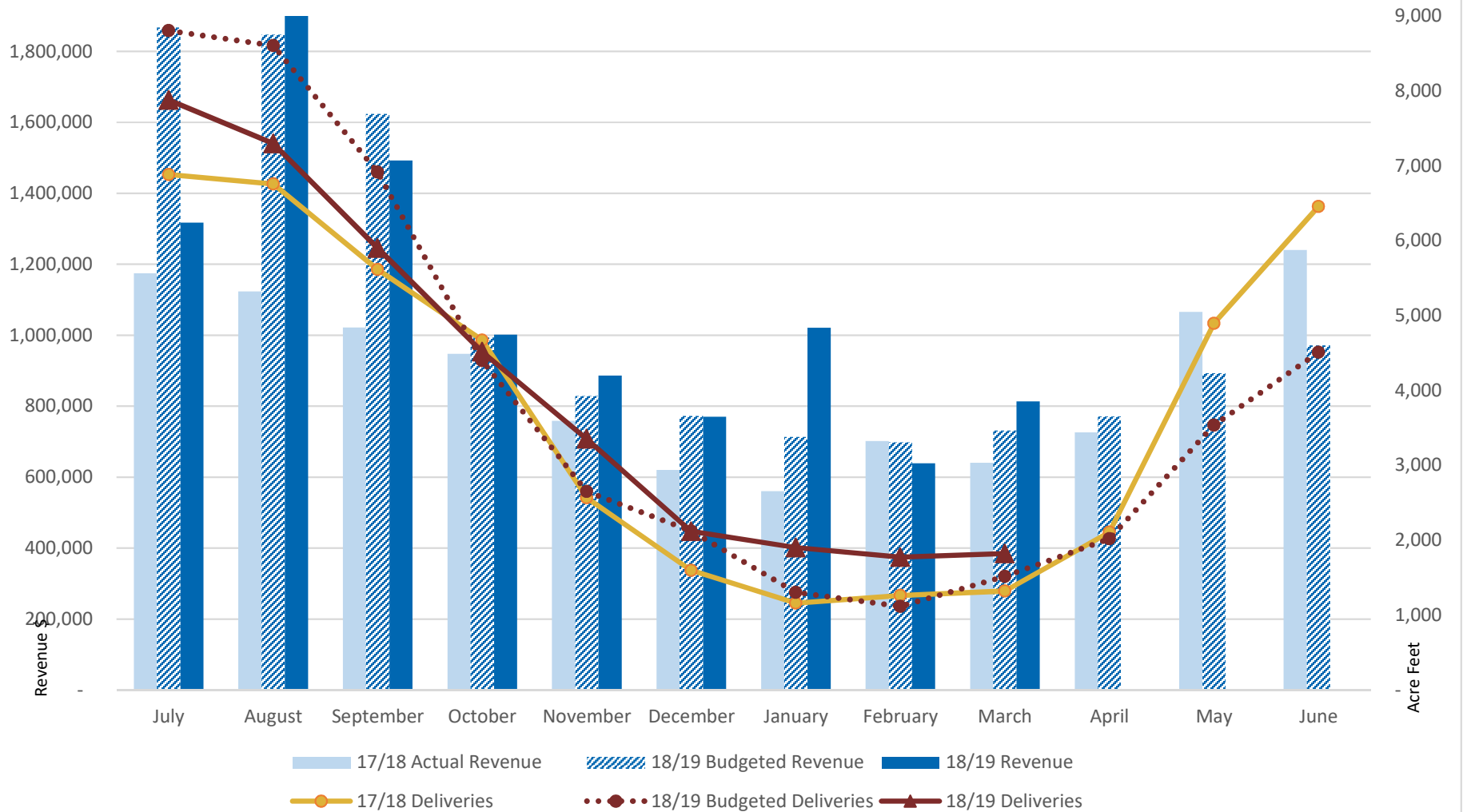
Budgeted Deliveries	37,431.54
Actual Deliveries	36,556.75
Difference	(874.79)
	-2%
Budgeted Water Sale Revenue	\$ 10,075,305
Actual Water Sale Revenue	\$ 9,954,626
Difference	\$ (120,679)
	-1.2%

**Conculsion:**

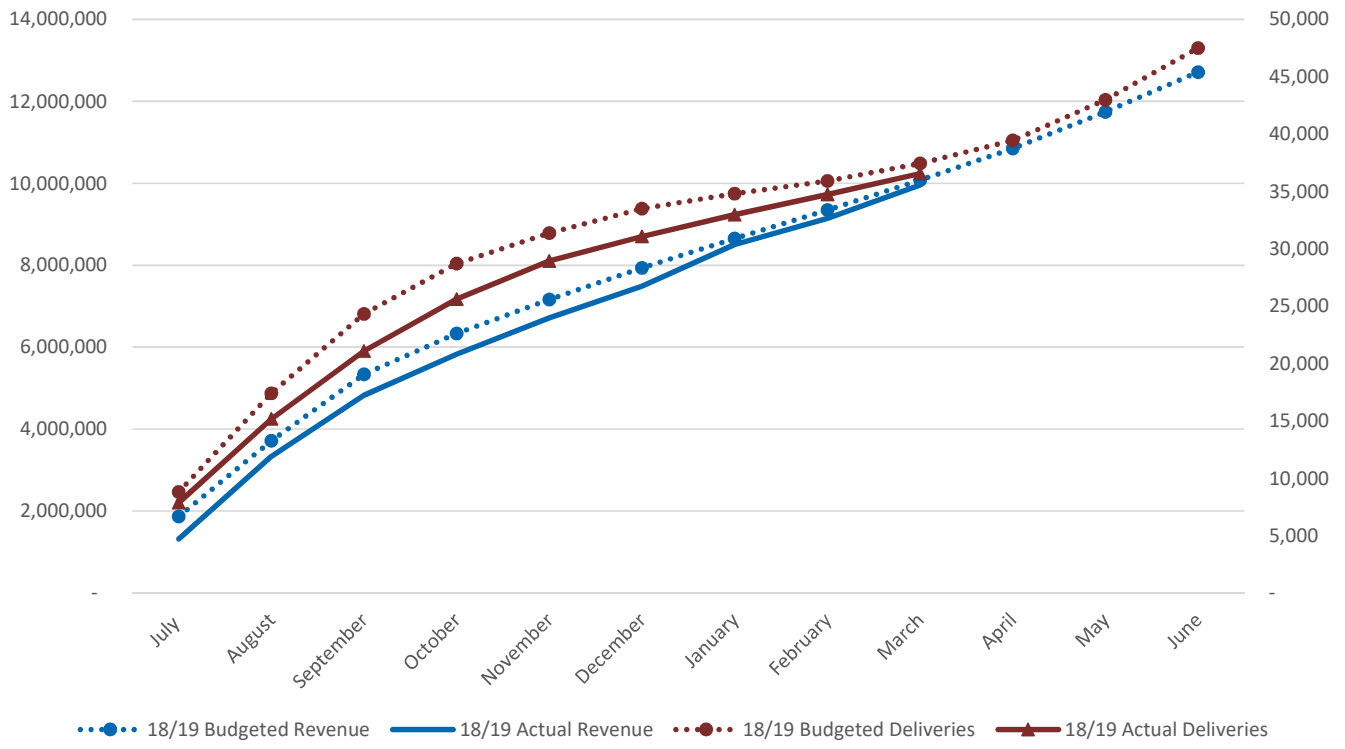
October through March water deliveries were higher than anticipated in this monthly budget, but not enough to offset the lower than expected deliveries in July through September. Sacramento Suburban Water District (SSWD) continues to have us treat their PCWA water, in an amount greater than anticipated, almost offsetting the total negative variance. The budget anticipated treating water for SSWD through December, but they have continued through March and are expected to continue through 2019.

Deliveries remain slightly under budget, due to less than anticipated delivers to San Juan Retail, Citrus Heights and Fair Oaks, but have improved to 2% below budget. Revenues for this period are slightly below expectations -1.2%, due to the continued treatment of SSWD's water. The lower than anticipated water transfer is partially offset by a decrease in the amount owed to Citrus Heights and Fair Oaks for water transfer is partially offset by a decrease in the amount owed to Citrus Heights and Fair Oaks for groundwater, which is not factored groundwater, which is not factored into this analysis.

### Comparison of Fiscal Year 2017/2018 Actual to 2018/2019 Projections of Deliveries and Revenue



### Cumulative Water Deliveries and Revenues FY 2018-19



**Engineering Committee Meeting Minutes  
San Juan Water District  
April 9, 2019  
4:00 p.m.**

**Committee Members:** Dan Rich, Chair  
Ted Costa, Director

**District Staff:** Paul Helliker, General Manager  
Tony Barela, Operations Manager  
Rob Watson, Engineering Services Manager  
George Machado, Field Services Manager  
Teri Grant, Board Secretary/Administrative Assistant

**Topics:** LGB & UGB BPS Low Flow Pump Purchase (R)  
Facilities Needs Assessment – ADA Transition Plan Update (W & R)  
PG&E Time of Use Rate Changes (W & R)  
Other Engineering Matters  
Public Comment

**1. LGB & UGB BPS Low Flow Pump Purchase (R)**

Mr. Watson provided a staff report which will be attached to the meeting minutes. He explained that, with recent conservation-related trending lower flows are being supplied through the two pump stations during the lower demand period of the year, and therefore the existing pumps should be supplemented with the addition of new low flow pumps. The Committee discussed the issues and agreed with staff's recommendation. In addition, the Committee discussed the energy savings that may be obtained from the new pumps and an update on this will be brought back to the Committee at a later date.

*The Engineering Committee recommends that staff purchase two new low flow pump assemblies, one for the Lower Granite Bay Pump Station and one assembly for the Upper Granite Bay Pump Station.*

**2. Facilities Needs Assessment – ADA Transition Plan Update (W & R)**

Mr. Barela provided a staff report which will be attached to the meeting minutes. He reviewed the Accessibility Transition Plan (ATP) for District facilities and informed the Committee that staff is evaluating the actions items listed in the staff report and will make a determination of priorities to be included in the FY2019/20 budget. The Committee discussed the tasks and associated costs that are included in the list, and staff will scrutinize the cost for each task when working with the contractor. Mr. Barela informed the Committee that some of the items, such as the electrical issues, were already being addressed and were not included in the list of action items.

Mr. Barela informed the Committee that the schedule for the proposed Option B Facilities Improvements Pre-Design has been delayed due to staff requested changes. Staff is recommending that the building layouts be modified so that the Engineering and Field staff be moved to the current Administration building, and that



a new Administration building be constructed south of the entrance gate. Mr. Barela also explained that the Field Services Department will need covered storage for the materials and equipment. This covered storage will be included in the preliminary design report. He explained that preliminary estimates show that this will be more cost effective for the District. This item will be brought back to the Committee for review.

*For information only; no action requested.*

### **3. PG&E Time of Use Rate Changes (W & R)**

Mr. Barela provided the Committee with a written staff report which will be attached to the minutes. He explained that PG&E is proposing changes to the time of use (TOU) rate structure, which will move the peak rate period from 12-6 p.m. to 4-9 p.m. This shift will result in reduced benefits received from the solar facilities in off-setting PG&E power consumption.

Mr. Barela informed the Committee that he had two companies, SunPower and CalCom Energy, conduct an analysis (at no charge) of the District's current energy consumption and solar power production under the current and proposed TOU rate structures. The result of the analyses showed that the District will see an increase of approximately \$62,000 to \$75,000 annually in energy costs due to the change in solar generation during on-peak rate periods. In addition, both consultants stated that additional solar power facilities would not be cost effective. Furthermore, they both stated that since the District's energy rate structure does not include demand charges, therefore is no need for the installation of batteries to offset the demand charge.

The Committee discussed the change and use of energy during off-peak times. Mr. Barela informed the Committee that staff has and will continue to make operational changes to help reduce energy costs such as performing operational tasks that require increased energy during the off-peak times of the day when possible. In addition, staff will continue to reevaluate the operations under the forthcoming TOU strategy. Mr. Barela informed the Committee that the proposed PG&E changes will take effect in March 2020; therefore, staff will include the additional cost in the budget for FY 2019-20 and each year thereafter.

*For information only; no action requested.*

### **4. Other Engineering Matters**

Mr. Barela reported that the consultants for the Meter Replacement Study Project have been contacting the water agencies regarding participation in the study. At this point, the District's anticipated share for the study is \$105,000; however, this amount could change once the consultant is able to confirm participation with everyone.

### **5. Public Comment**

There were no public comments.

The meeting was adjourned at 4:50 p.m.

# STAFF REPORT

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To: Engineering Committee  
From: Tony Barela, Operations Manager  
Date: April 9, 2019  
Subject: Accessibility Transition Plan Draft Report

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## RECOMMENDED ACTION

Information Only - No action requested.

## BACKGROUND

In August 2018, San Juan Water District (District) contracted with MFDB Architects, Inc. (Consultant) to prepare the following items:

1. Accessibility Transition Plan (ATP) for District facilities
2. Predesign of the proposed Option B Facility Improvements

The District has received the attached Draft ATP for review and comment. The ATP outlines the improvements needed to bring the Admin and Maintenance/Engineering Building and surrounding grounds into compliance with the Americans with Disabilities Act (ADA) and 2016 California Building Code (CBC) Chapter 11B. Table 1 below outlines the findings of the report and the estimated cost for the necessary improvements.

The schedule for the proposed Option B Facilities Improvements Pre-Design has been delayed due to staff requested changes in scope related to staffing and building layouts. The evaluation is moving forward and will be brought to the Committee once the draft report is submitted for review and comment.

**Table 1 – Recommended ATP Actions**

Location	Description	Estimated Cost
<b>Admin Building - Site Accessibility</b>	Parking - Non-compliant curb ramp to accessible parking stall access aisle	\$3,800
	Concrete walk to Water Efficient Landscape patio and garden exceeds 2% cross slope	\$3,250
	Ramp to Water Efficient Landscape patio without handrails on both sides	\$2,000
	Stair to Water Efficient Landscape garden without handrails or ramp access	\$700
	Water Efficient Landscape garden missing contrasting stripe on top approach and each tread	\$100

**STAFF REPORT**

*Accessibility Transition Plan & Facilities Expansion Predesign  
Tony Barela, Operations Manager*

<b>Location</b>	<b>Description</b>	<b>Estimated Cost</b>
<b>Maint./Eng. Building – Site Accessibility</b>	No existing accessible parking	\$2,750
<b>Admin Building – Building Accessibility</b>	Men’s Bathroom Urinal alcove less than 36” wide and deeper than 24”	\$1,500
	Women’s Bathroom accessible toilet stall door swings out into the restroom and does not provide adequate strike side clearance.	\$1,500
	Several wall switches and thermostat devices are mounted outside the accessible reach range.	\$5,000
	Kitchen range exhaust fan controls are outside obstructed side reach range.	\$250
	Kitchen microwave and controls are outside obstructed side reach range.	\$800
	Kitchen sink provides for roll under forward approach; however, the stored items conflict with clear floor space. The disposal conflicts with forward approach knee clearance.	\$1,750
	Vault Deadbolt is outside the allowable height for door hardware. Latch does not comply with 11B-309.4 or 11B-404.2.7.	\$500
	Vault work counter is greater than 34” above floor.	\$1,500
<b>Maint./Eng. Building – Building Accessibility</b>	No accessible path of travel to second floor.	Included in pre-design evaluation to turn building into dedicated shop and storage.
<b>Total Estimated Cost:</b>		<b>\$25,400</b>
25% Contingency:		\$6,350
<b>Total Estimated Cost:</b>		<b>\$31,750</b>

**FINANCIAL CONSIDERATIONS**

Staff is evaluating the actions items listed above and will make a determination of priorities to be included in the FY2019/20 Budget.



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**San Juan Water District**  
**Accessibility Transition Plan**

April 8, 2019



April 8, 2019  
San Juan Water District  
9935 Auburn Folsom Road  
Granite Bay, CA 95746

## **ACCESSIBILITY TRANSITION PLAN**

### **Introduction:**

The San Juan Water District administration building, engineering/maintenance building and surrounding site have been assessed to determine general compliance with both the Americans with Disabilities Act (ADA) and 2016 California Building Code (CBC) Chapter 11B. This assessment was conducted to determine and prioritize existing barriers related to 1) The administration building in advance of a planned remodel and 2) The engineering / maintenance building that will be repurposed as storage.

### **Process:**

Visual inspection, measurements and photos have been taken of the administration building, the engineering / maintenance building and the site access and amenities directly adjacent to each building. The balance of the site and other buildings on the San Juan Water District campus have not been evaluated.

When the adjusted construction cost of any alteration to any building or site feature is less than the current valuation threshold (\$166,157 for 2019) the cost of compliance with ADA and CBC Chapter 11B shall be limited to 20% of the adjusted construction cost of alterations. When the construction cost of any alteration to any building or site feature exceeds the current valuation threshold, as indicated above, compliance with ADA and CBC Chapter 11B is required; unless, the enforcing agency determines the cost of compliance is an unreasonable hardship; however, compliance shall be provided by equal facilitation or to the greatest extent possible. In no case shall the cost of compliance be less than 20% of the adjusted construction cost.

The estimated cost shown in this report is the estimated construction cost as of this date. No estimate has been made for escalation.

For the purpose of this report the level of priority for each barrier shall follow the suggested priority list as stipulated by CBC 11B-202.4 Exception 8, as follows:

1. Accessible entrance
2. Accessible route to altered area
3. At least one accessible restroom for each sex
4. Accessible telephones
5. Accessible drinking fountains
6. Accessible parking, signs, storage and alarms.

The Transition Plan is as follows:

## BARRIER SUMMARY

Barrier #	Description	Priority	Estimated Cost
	<b>Site Accessibility</b>		
1	Curb ramp at accessible parking stall at Admin. Building	6	\$3,800
2	Walk to WEL patio	6	\$3,250
3	Ramp to WEL patio	6	\$2,000
4	Handrail at stair to WEL garden	6	\$700
5	Contrasting stripe at stair to WEL garden	6	\$100
6	Accessible parking stall at E and M Building	6	\$3,050
	<b>Building Accessibility</b>		
7	Urinal alcove at Men's Restroom	3	\$1,500
8	Accessible restroom stall door at Women's Restroom	3	\$1,500
9	Wall device mounting height	2	\$5,000 (1)
10	Exhaust fan controls at Kitchen	2	\$250
11	Microwave control height at Kitchen	2	\$800
12	Knee clearance at Kitchen sink	2	\$1,750
13	Vault door hardware height	2	\$500
14	Vault work counter height	2	\$1,500 (2)
15	E and M Building access to second floor	0	\$0 (3)

**Key Notes:**

1. Not all conditions were made available to be verified and not all conditions are out of compliance. The estimated cost assumes a total of 4 thermostats and 12 wall devices to be relocated.
2. The estimated cost is based on a total length of counter of 16'-0". 8'-0" of counter to be removed and replaced at a compliant height (34").
3. The existing Engineering and Maintenance building is scheduled to be repurposed as facility storage and there will be no permanent work stations. The entire building will be considered an "employee workstation". Access will be provided so that individuals with disabilities can approach, enter and exit the "workstation".

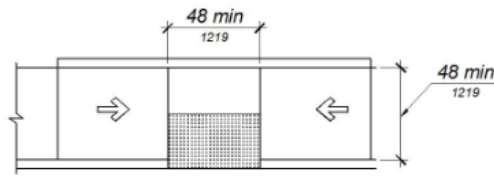
# **SITE ACCESSIBILITY**

**Barrier #1**

**Location:** Administration Building parking lot.



**Barrier:**  
Non-compliant curb ramp to accessible parking stall access aisle.



**FIGURE 11B-406.3.2**  
**PARALLEL CURB RAMPS**

**Solution:**  
Remove flared ramp and portion of walk. Install parallel curb ramp with truncated dome mat. Restripe parking stall.

**Schedule:** Pre-design is currently underway that would re design the parking lot and accessible parking location. This condition would be corrected as part of that work.

**Estimated Cost:** \$3,800

**Priority level:** 6



**Barrier #2**

**Location:** Water Efficient Landscape patio and garden.



**Barrier:**

Concrete walk to Water Efficient Landscape patio and garden exceeds 2% cross slope.

**11B-403 Walking surfaces**

**11B-403.1 General.** Walking surfaces that are a part of an accessible route shall comply with *Section 11B-403*.

**11B-403.2 Floor or ground surface.** Floor or ground surfaces shall comply with *Section 11B-302*.

**11B-403.3 Slope.** The running slope of walking surfaces shall not be steeper than 1:20. The cross slope of walking surfaces shall not be steeper than 1:48.

*Exception: The running slope of sidewalks shall not exceed the general grade established for the adjacent street or highway.*

**Solution:**

Remove concrete walk and replace with concrete walk that meets the following:

36" min. width

1/4" max. vertical change in elevation.

1/2" max. beveled change in elevation.

1:20 (5%) max. running slope.

1:48 (2%) max. cross slope.

**Schedule:** Potential immediate correction pending board approval.

**Estimated Cost:** \$3,250

**Priority level:** 6

**Barrier #3**

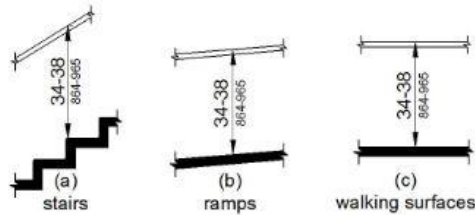
**Location:** Water Efficient Landscape patio.



**Barrier:**  
Ramp to Water Efficient Landscape patio without handrails on both sides.

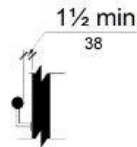
**11B-505.4 Height.** Top of gripping surfaces of handrails shall be 34 inches (864 mm) minimum and 38 inches (965 mm) maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces.

**Solution:**  
Install handrail with top gripping surface 34"-38" above walking surface on both sides of the ramp.



**FIGURE 11B-505.4  
HANDRAIL HEIGHT**

**11B-505.5 Clearance.** Clearance between handrail gripping surfaces and adjacent surfaces shall be 1½ inches (38 mm) minimum. Handrails may be located in a recess if the recess is 3 inches (76 mm) maximum deep and 18 inches (457 mm) minimum clear above the top of the handrail.



**FIGURE 11B-505.5  
HANDRAIL CLEARANCE**

**Schedule:** Potential immediate correction pending board approval.

**Estimated Cost:** \$2,000

**Priority level:** 6

**Barrier #4**

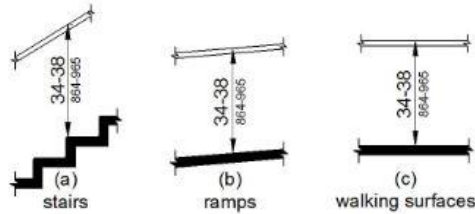
**Location:** Water Efficient Landscape garden.



**Barrier:**

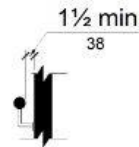
Stair to Water Efficient Landscape garden without handrails or ramp access.

**11B-505.4 Height.** Top of gripping surfaces of handrails shall be 34 inches (864 mm) minimum and 38 inches (965 mm) maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces.



**FIGURE 11B-505.4  
HANDRAIL HEIGHT**

**11B-505.5 Clearance.** Clearance between handrail gripping surfaces and adjacent surfaces shall be 1½ inches (38 mm) minimum. Handrails may be located in a recess if the recess is 3 inches (76 mm) maximum deep and 18 inches (457 mm) minimum clear above the top of the handrail.



**FIGURE 11B-505.5  
HANDRAIL CLEARANCE**

**Solution:**

Install handrails with top gripping surface 34"-38" above the stair nosing on both sides of stair.

Water Efficient Landscape garden is not open to the general public. It is only occupied for special demonstrations or functions. Provide signage indicating that assistance is available to persons with disabilities that would provide them full access to the Water Efficient Landscape garden.

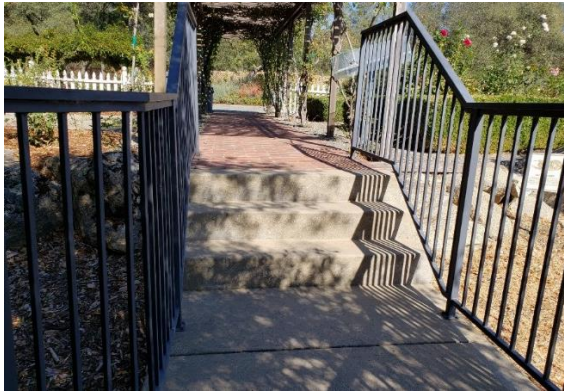
**Schedule:** Potential immediate correction pending board approval.

**Estimated Cost:** \$700

**Priority level:** 6

**Barrier #5**

**Location:** Water Efficient Landscape garden.



**Barrier:**

Missing contrasting stripe on top approach and each tread.

*11B-504.4 Tread surface.* Stair treads shall comply with Section 11B-302. Changes in level are not permitted.

**Exception:** Treads shall be permitted to have a slope not steeper than 1:48.

*11B-504.4.1 Contrasting stripe.* Interior stairs shall have the upper approach and lower tread marked by a stripe providing clear visual contrast. Exterior stairs shall have the upper approach and all treads marked by a stripe providing clear visual contrast.

*The stripe shall be a minimum of 2 inches (51 mm) wide to a maximum of 4 inches (102 mm) wide placed parallel to, and not more than 1 inch (25 mm) from, the nose of the step or upper approach. The stripe shall extend the full width of the step or upper approach and shall be of material that is at least as slip resistant as the other treads of the stair. A painted stripe shall be acceptable. Grooves shall not be used to satisfy this requirement.*

**Solution:**

Provide 2"-4" wide painted stripe in contrasting color.

**Schedule:** Potential immediate correction pending board approval.

**Estimated Cost:** \$100

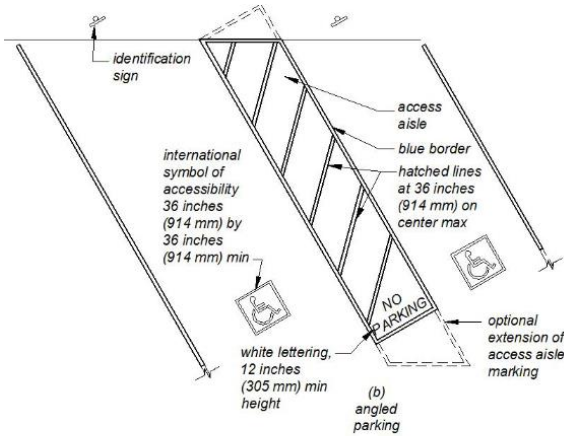
**Priority level:** 6

**Barrier #6**

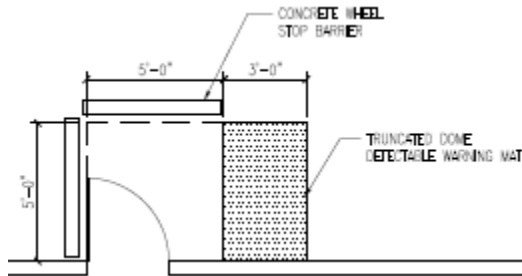
**Location:** Engineering and Maintenance Building parking lot.



**Barrier:**  
No existing accessible parking.



**FIGURE 11B-502.3.3**  
**ANGLED AND PERPENDICULAR PARKING IDENTIFICATION**



**Schedule:** Potential immediate correction pending board approval.

**Estimated Cost:** \$3,050

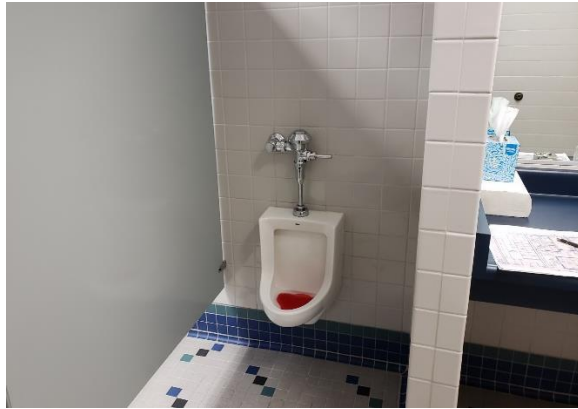
**Priority level:** 6



# **BUILDING ACCESSIBILITY**

**Barrier #7**

**Location:** Administration Building Men's Restroom.



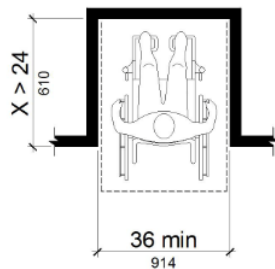
**Barrier:**  
Urinal alcove less than 36" wide and deeper than 24".

**11B-305.7 Maneuvering clearance.** Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided in accordance with *Sections 11B-305.7.1 and 11B-305.7.2.*

**11B-305.7.1 Forward approach.** Alcoves shall be 36 inches (914 mm) wide minimum where the depth exceeds 24 inches (610 mm).

**11B-305.7.2 Parallel approach.** Alcoves shall be 60 inches (1524 mm) wide minimum where the depth exceeds 15 inches (381 mm).

**Solution:**  
Demo end of tiled screen wall and framing. Reframe wall such that it extends less than 24" from the urinal wall.



**FIGURE 11B-305.7.1  
MANEUVERING CLEARANCE IN AN  
ALCOVE, FORWARD APPROACH**

**Schedule:** Potential immediate correction pending board approval.

**Estimated Cost:** \$1,500

**Priority level:** 3

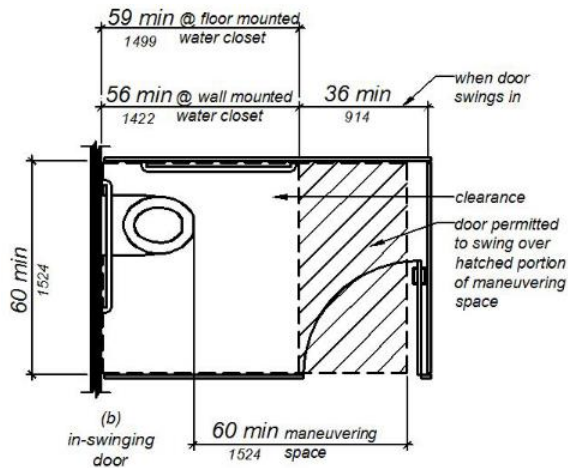


**Barrier #8**

**Location:** Administration Building Women's Restroom.



**Barrier:**  
Accessible toilet stall door swings out into the restroom and does not provide adequate strike side clearance.



**Solution:**  
Replace door and partition posts to provide in-swinging door. The space within the stall complies with CBC Section 11B-604.8.1.1.2 for in-swinging door.

**Schedule:** Potential immediate correction pending board approval.

**Estimated Cost:** \$1,500

**Priority level:** 3

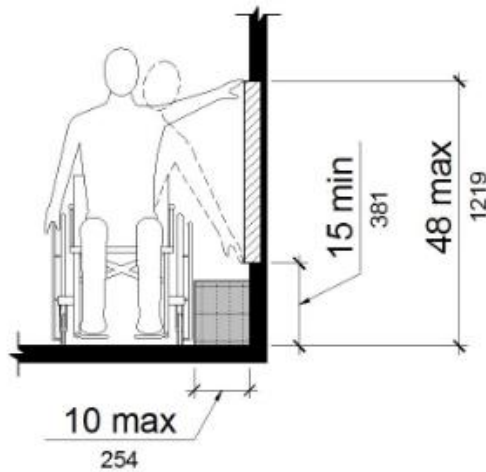
**Barrier #9**

**Location:** Administration Building wall devices.



**Barrier:**

Several wall devices and thermostats are mounted outside the accessible reach range.



**FIGURE 11B-308.3.1**  
**UNOBSTRUCTED SIDE REACH**

**Solution:**

Remove and reinstall devices so that the uppermost operable part is 48" max. above the floor.

**Schedule:** To be completed with work currently in pre-design phase.

**Estimated Cost:** \$5,000  
Not all conditions were made available to be verified and not all conditions are out of compliance. The estimated cost above assumes a total of 4 thermostats and 12 wall devices to be relocated.

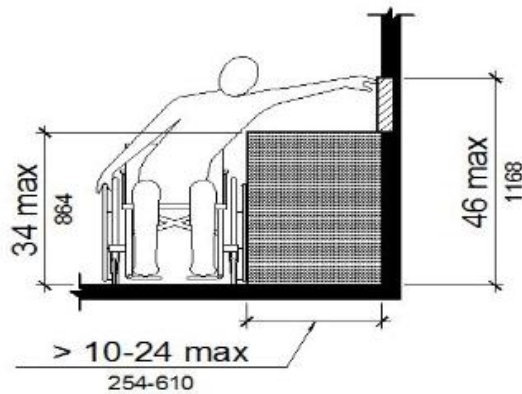
**Priority level:** 2

**Barrier #10**

**Location:** Administration Building kitchen.



**Barrier:**  
Range exhaust fan controls are outside obstructed side reach range.



**Solution:**  
Install remote switch for exhaust fan that is 46" max. above the floor.

**Schedule:** To be completed with work currently in pre-design phase.

**Estimated Cost:** \$250

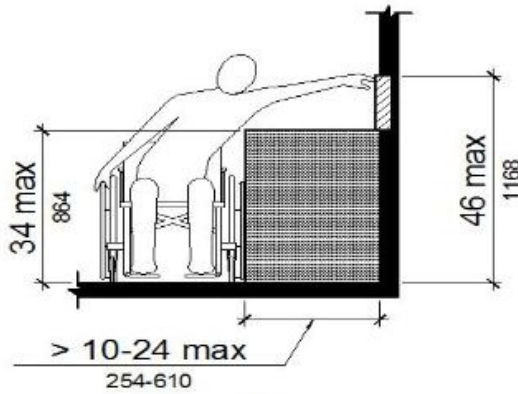
**Priority level:** 2

**Barrier #11**

**Location:** Administration Building kitchen.



**Barrier:**  
Microwave and controls are outside obstructed side reach range.



**Solution:**  
Provide secondary microwave appliance in the counter to provide equal facilitation.

**Schedule:** To be completed with work currently in pre-design phase.

**Estimated Cost:** \$800

**Priority level:** 2

**Barrier #12**

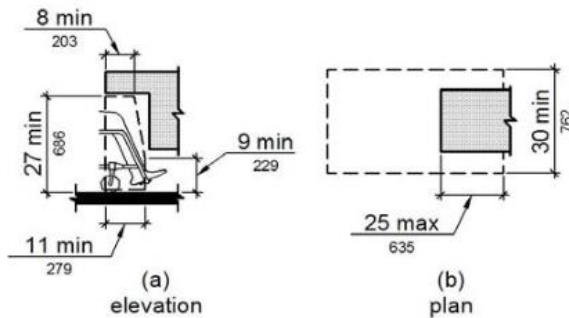
**Location:** Administration Building kitchen.



**Barrier:**

Sink provides for roll under forward approach; however, the stored items conflict with clear floor space.

The disposal conflicts with forward approach knee clearance.



**FIGURE 11B-306.3**  
**KNEE CLEARANCE**

**Solution:**

Remove stored items.

Replace sink with offset drain such that the disposal is set back and to the side to provide the required knee clearance.

**Schedule:** To be completed with work currently in pre-design phase.

**Estimated Cost:** \$1,750

**Priority level:** 2

**Barrier #13**

**Location:** Administration Building vault.



**Barrier:**

Deadbolt is outside the allowable height for door hardware.

Latch does not comply with 11B-309.4 or 11B-404.2.7.

**11B-404.2.7 Door and gate hardware.** Handles, pulls, latches, locks, and other operable parts on doors and gates shall comply with *Section 11B-309.4*. Operable parts of such hardware shall be 34 inches (864 mm) minimum and 44 inches (1118 mm) maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides.

**11B-309.4 Operation.** Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.

**Solution:**

Relocate deadbolt to be 34"-44" above the floor.

Replace knob hardware with compliant lever hardware.

**Schedule:** To be completed with work currently in pre-design phase.

**Estimated Cost:** \$500

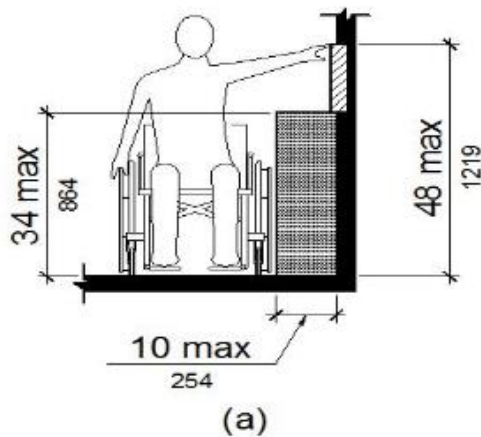
**Priority level:** 2

**Barrier #14**

**Location:** Administration Building vault.



**Barrier:**  
Work counter is greater than 34" above floor.

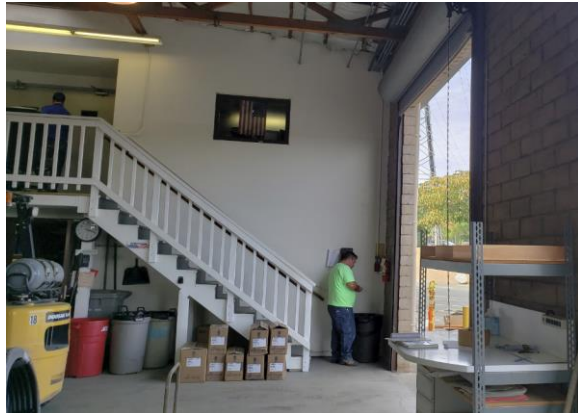


**Solution:**  
Remove and replace  $\frac{1}{2}$  of the total length of work counter to be 34" max. above floor.

- Schedule:** To be completed with work currently in pre-design phase. The vault space is being considered for other uses and the final design may be to remove the work counter entirely.
- Estimated Cost:** \$1,500  
The estimated cost above is based on a total length of counter of 16'-0". 8'-0" of counter to be removed and replaced at a compliant height.
- Priority level:** 2

**Barrier #15**

**Location:** Engineering and Maintenance Building.



**Barrier:**

No accessible path of travel to second floor.

*11B-203.9 Employee workstations. Employee workstations shall be on an accessible route complying with Division 4. Spaces and elements within employee workstations shall only be required to comply with Sections 11B-207.1, 11B-215.3, 11B-302, 11B-303, 11B-308.1.1, 11B-308.1.2, and 11B-404.2.3 unless exempted by other parts of this code. Common use circulation paths within employee workstations shall comply with Section 11B-206.2.8.*

**Solution:**

The existing Engineering and Maintenance building is scheduled to be repurposed as facility storage and there will be no permanent work stations. The entire building will be considered an “employee workstation”. Access will be provided so that individuals with disabilities can approach, enter and exit the “workstation”.

**Schedule:** No schedule at this time.

**Estimated Cost:** No cost impact as a result of change in use.

**Priority level:** 0



# STAFF REPORT

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To: Engineering Committee  
From: Tony Barela, Operations Manager  
Date: April 9, 2019  
Subject: PG&E Time of Use Rate Changes

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## RECOMMENDED ACTION

Information Only - No action requested.

## BACKGROUND

Power for all District facilities within Placer County is provided by Pacific Gas and Electric Company, Inc. (PGE); this includes power to the District's main site at 9935 Auburn Folsom Road. In an effort to reduce power consumption costs at the District's main site, in 2010 the District constructed a 750 kVA solar facility located adjacent to Baldwin Reservoir (See Figure 1). The solar facility, through PGE's Net Energy Metering Aggregation (NEMA) program, offsets power costs for the following facilities:

- Water Treatment Plant
- Admin Building
- Maintenance/Engineering Building
- Hinkle Pump Station
- Castellanos Pump Station



Figure 1 - San Juan Water District Site

Power cost savings from the solar facility is largely based weather (sunny day production) and the PGE Time of Use (TOU) charges that are offset during the solar production time of day. Staff was recently informed that that PGE will be changing the District's TOU rate strategy in 2020. PGE has already implemented these changes for other facilities, but the District's main site is grandfathered under the current TOU rate structure for 10 years

from our Permission to Operate date of March 1, 2010. This means that the District will default to the new TOU rate structure in March of 2020 (FY19/20).

The new TOU rate structure (See Figure 2) shifts the peak rate period from the current 12-6 p.m. to 4-9 p.m., which is later than the peak time of solar power production. The off-peak and partial peak rates and time of day strategies will also be altered. These proposed changes will reduce the benefits received from the solar facilities in off-setting PGE power consumption.

To better understand the impacts of the TOU change and to determine the District's options for offsetting any negative impacts, the District worked with CalCom Energy, Inc. and SunPower, Inc. to perform independent comparisons of the District's current energy consumption and solar power production under the current and proposed TOU strategies. Additionally, both consultants looked at the potential options to offset any impacts to the District.

The District provided a year's worth of 15-minute energy consumption/generation interval data to both consultants. These evaluations did not occur concurrently, so the data provided did vary based on when each started their evaluation. Each consultant applied this interval data to the current and proposed rate structures to determine the ultimate impact to the District.

Based on the independent evaluations, the District will see an increase of approximately \$62,000 to \$75,000 annually due to the proposed change in TOU times/rates. This is primarily due to the fact that mid-day solar generation will no longer be valued at "on-peak" rates, but rather at lower "off-peak" rates. Additionally, a larger portion of the evening peak water consumption will now occur during the on-peak time of day. The following table displays their results.

Scenario	Annual Billed Charges	Solar Savings	Evaluation By
<b>2017, current rates</b>	\$105,688	\$459,000	CalCom Energy
<b>2017, future rates</b>	\$180,641	\$322,511	CalCom Energy
<b>2018, current rates</b>	\$130,753	\$394,243	SunPower
<b>2018, future rates</b>	\$192,238	\$332,758	SunPower

Each consultant evaluated the options for adding additional solar panels at the existing site. Based on the independent evaluations, both consultants concluded the same thing, that additional solar would not generate enough saving to justify the cost of installing additional infrastructure. The general consensus is that based on the remaining space available, the additional capacity would be rather small (i.e. higher unit cost) and would be compared to a lower solar value (post grandfathering). Hence, new solar facilities would not generate much, if any cost savings.

Both consultants also evaluated the potential option for installing batteries to offset demand charge and/or use stored energy to supply a portion of on-peak energy demand. Typically, batteries are installed to reduce high demand charges that occur when starting

pumps or other large mechanical devices. Fortunately, the District's main site is under PGE's A6 rate structure which does not have any demand charges. Therefore, there is no demand cost to offset with batteries.

With respect to using energy from the batteries during peak power demand periods, according to SunPower, the cost of the a 500kW storage system would only generate approximately \$6,000 in gross utility savings per year, yet the cost to finance such a system would be significantly more than that - likely in the range of \$40,000-\$50,000 per year over a 15 year span. Unfortunately, at this time the spread between these two energy costs (\$/kWh) is not large enough to justify the additional infrastructure.

Staff are continuously looking for ways to reduce energy costs through operational changes while balancing our mission of providing a reliable water supply to our customers. Staff have made changes to our pumping and reservoir operational strategies as well as our water treatment plant operations to operate during the off-peak times of day where possible. Staff will continue in this effort and reevaluate our operations under the forthcoming TOU strategy.

## **FINANCIAL CONSIDERATIONS**

As the proposed TOU change will occur in the FY19/20, staff will include additional budget for the coming fiscal year and each year forward based on historical and projected energy costs. Total energy cost split for the District's main site is approximately 30% Retail and 70% Wholesale.

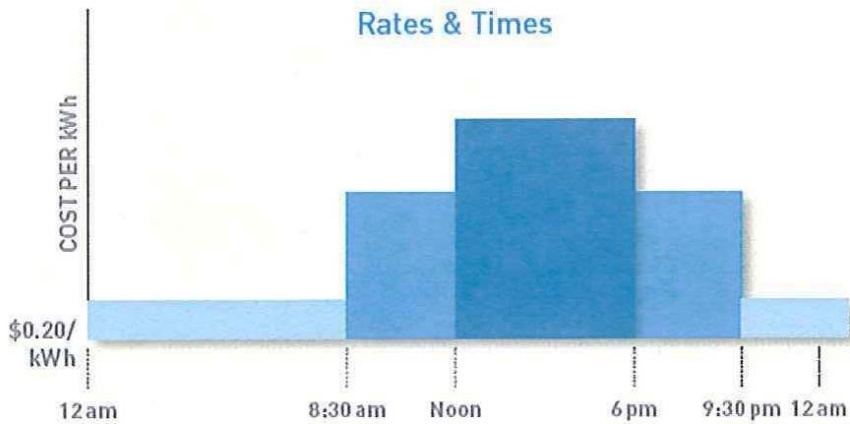
FIGURE 2 – TIME OF USE RATE PERIOD CHANGE



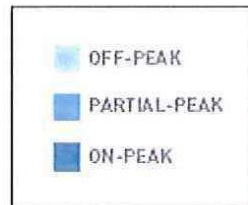
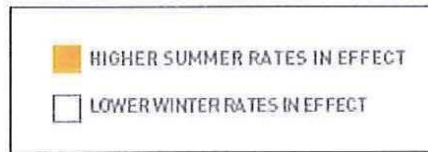
# Time-of-Use Time Period Change Proposal

(Proposed Per Settlement)

## CURRENT PLAN



## NEW PLAN



June - September