

## Minutes

Sacramento Suburban Water District  
**Facilities and Operations Committee**  
Wednesday, May 30, 2018

### Call to Order

Chair Jones called the meeting to order at 2:01 p.m.

### Pledge of Allegiance

Chair Jones led the Pledge of Allegiance.

### Roll Call

Directors Present: Dave Jones and Robert Wichert.

Directors Absent: None.

Staff Present: General Manager Dan York, Amy Bullock, Matt Underwood, David Morrow, Todd Artrip, Mitchell McCarthy, David Espinosa, Dan Bills and Jim Arenz.

**Public Present:** William Eubanks and Ryan Gunstream.

### Announcements

None.

### Public Comment

None.

### Consent Items

#### 1. Minutes of the March 6, 2018 Facilities and Operations Committee Meeting

Director Wichert moved to approve Consent Item 1; Chair Jones seconded. The motion passed by unanimous vote.

AYES:	Jones and Wichert	ABSTAINED:	
NOES:		RECUSED:	
ABSENT:			

### Items for Discussion and or Action

#### 2. Regional Water Meter Replacement Program

Matt Underwood (Mr. Underwood) presented the staff report and went through a PowerPoint presentation.

General Manager Dan York (GM York) stated that at the last Regional Water Authority Board meeting other agencies and water purveyors are now interested in participating in the program. With other newly interested parties the number has gone from 80,000 to half a million potential connections.

Chair Jones inquired what the main purpose of the program is.

Mr. Underwood stated that at this stage the main purpose is to find out what opportunities are available.

Chair Jones stated for the record that Director Wichert is present for the meeting at 2:10 p.m.

Chair Jones noted that it is very important that the program be successful and is concerned about who is doing what to ensure that staff is successful in the program.

Mr. Underwood stated that there will be a number of groups formed including an assignment of a chair to the committee or formed group(s).

Chair Jones inquired about the calibration of the meters.

Mr. Underwood stated that there are people at all different levels with different processes of testing and calibrating their meters.

GM York stated that the administrative group is composed of General Managers who are attending other District board meetings showing support of the program.

Director Wichert inquired how many signatures are already in.

Mr. Underwood stated that he is not sure exactly how many signatures, but he's aware that Citrus Heights Water District, Orange Vale Water District, San Juan Water District, Fair Oaks Water District and Carmichael Water District have already signed on.

GM York stated that Sacramento Suburban Water District is one of the last local districts to sign on as the next scheduled Board meeting date is in June.

Director Wichert stated that he reviewed the program offline and thinks it's a great program and further expressed that this is definitely a program the District should be involved in, especially since there is no fiscal impact at this time.

Mr. Underwood confirmed that at this stage there is no fiscal impact.

Director Jones stated that he sees a really good program coming out of this model for potential future sharing projects.

Mr. Underwood stated that there will be grant funding available.

Director Wichert recommended that this item be moved to consent item on the next month's regular Board meeting. Chair Jones seconded the motion.

### **3. Fixed Network Meter Reading Issues**

Mr. Underwood presented the staff report.

GM York stated that legal may need to get involved due to the contract with Delta Engineering and KP that is combined with Sacramento Suburban Water District. The issue is that KP committed to install collectors, however there was no limit stated in the contract.

Chair Jones inquired what the cost of a collector is and the expected lifespan.

Mr. Underwood stated that approximately three new collectors would be \$80,000 and \$115,000 for five new collectors. The warranty is two years on new collectors.

Director Wichert stated that the cell phone systems don't require collectors.

Mr. Underwood confirmed that cell phone systems don't require collectors and that is another option the District is considering for the future.

Director Wichert inquired what type of batteries are used.

Mr. Underwood stated that the batteries are a lithium ion battery, however the type of battery is not the issue.

Director Jones inquired if Mr. Underwood had an idea or timeline of when the issue will be resolved.

Mr. Underwood stated that hopefully the issue will be resolved by the end of this year if not, then by the end of the year staff will have an idea of which direction to head.

Mr. Underwood stated that this item will be on next month's regular Board meeting agenda as an information item.

### **4. Maintaining a Sufficient, Reliable Water Supply**

Jim Arenz presented the staff report and went through a PowerPoint presentation.

Director Wichert inquired how much the stainless steel casing costs.

Mr. Arenz stated that stainless steel casing runs about \$50,000 to \$80,000. If you do the math, paying the money upfront to get the stainless steel casing that does not degrade for approximately 70-75 years or longer is a big benefit and saves money long term.

Chair Jones inquired how many well sites are on a half of acre or more.

Mr. Arenz stated that he is unsure how many of the District's well sites are about a half an acre or more, however, he is hoping that the new sites be close to the transmission mains.

Director Wichert inquired about when the last time the District had a well that failed.

Mr. Arenz stated that Well 44 failed which was about 15 years ago.

Director Wichert inquired about what the other agencies in the area expect out of their wells in terms of age.

Mr. Arenz stated that everyone uses a 50 year standard.

GM York stated that another critical avenue is to start doing some land acquisitions.

GM York stated that the County of Sacramento just purchased a residential property in the Arden Oaks area that had a house on it. The County demolished the house and drilled the well right in the middle of the residential property.

Chair Jones inquired if the District anticipates one or two wells a year for the next 50 years.

Mr. Arenz stated that the priority is the North Service Area and anticipate 12-15 wells over the next 15 years.

Public comment from William Eubanks (Mr. Eubanks) stated that if the District had to put higher producing wells close to large transmission mains for the purpose of treatment sites then the District will be bankrupt in no time. The District should be working on three or more property accusations tied up and confirmed at a given time to ensure that if or when you need the new wells you have the adequate sites for them.

Dan Bills (Mr. Bills) commented that if the District does not stagger the replacement of wells, then it all could come to a head at once. The District can't wait for failure to act. The District is much better served financially without having to go into debt or borrow money to do a ratable implementation of new wells than waiting for failure of a well. A cluster analysis would be wise to do to get an idea of how to proceed.

Director Wichert inquired if the District has ever done a cluster analysis. He stated he would like to see that data either at the next Facilities and Operations Committee meeting.

GM York confirmed that staff will work on the cluster analysis and provide it to the Committee as soon as possible.

##### **5. Short Term Water Transfer Pilot Project – Sacramento County**

GM York presented the staff report.

GM York stated that the Pilot Transfer with the County of 1,000 AF could occur between January and July of 2019.

Chair Jones inquired if there is a flow meter at Cypress.

GM York stated that there is no flow meter at Cypress but there are plans for Carmichael Water District to install a flow meter at the intertie.

Director Wichert stated that the item should go to the regular Board meeting as an Action item.

**Adjournment**

Chair Jones adjourned the meeting at 3:15 p.m.

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Dan York  
General Manager/Secretary  
Sacramento Suburban Water District