



SUISUN-SOLANO WATER AUTHORITY

BOARD OF DIRECTORS

Alma Hernandez, Vice President
Jane Day
Wanda Williams
Mike Hudson

BOARD OF DIRECTORS

John D. Kluge, President
Michael J. Barrett
Derrick Lum
Pete Sanchez
Charles A. Herich

EXECUTIVE COMMITTEE MEETING

Monday, August 1, 2022

9:00 a.m.

TELECONFERENCE

This meeting is being held via teleconference only pursuant to Government Code section 54953(e)(1)(B) and in compliance with the Brown Act. Section 54953(e)(1)(B) permits a Brown Act legislative body to hold a meeting during a proclaimed state of emergency via teleconference in order to determine whether as a result of the emergency meeting in person would present an imminent risk to attendees' health or safety. To do so, the body is required (1) to post notice and agendas as otherwise provided by the Brown Act and applicable law, (2) allow members of the public to access the meeting via call-in line or internet-based service line, (3) provide details on the agenda on how to access the meeting and give public comment, (4) provide an opportunity to comment pursuant to Government Code section 54954.3 and allow a reasonable amount of time during public comment for a person to register, login, and comment, and (5) monitor the call-in line and/or internet-based service line to ensure no disruption hinders access or ability to comment, if there is, take no action until public access is restored. The Executive Committee is not required to provide a location to attend or comment in-person.

The Governor proclaimed a state of emergency due to the COVID-19 virus pandemic on March 4, 2020. The proclamation remains active and applies statewide. The Executive Committee is meeting pursuant to Section 54953(e)(1)(B) to determine if the emergency conditions pose a threat to attendees' health and safety, warranting teleconference meetings. The Committee is complying with other public access and participation obligations, as required and to ensure that any member of the public may attend, participate, and watch the Committee conduct their business.

Any person may access and comment during the meeting by doing the following:

- **Public Access** – The meeting will be hosted on Zoom, attendees can access via computer or phone.
 - Meeting ID: 834 5093 5739
 - Passcode: 952685
 - *Via computer* – go to Zoom.com and enter Meeting ID and Passcode OR click:
<https://us02web.zoom.us/j/83450935739?pwd=cHJyY2JvVjluR3FwOFIvVFpzeDBlQT09>
 - *Via phone* – call 1-669-900-9128 and enter meeting ID and passcode
- **Public Comment** – opportunity for public comment is offered written and live during the meeting.
 - **Written** – written comments can be submitted via email to SSWAcomments@sidwater.org or via U.S. mail to Suisun—Solano Water Authority, Attn: Gerardo Santana, 810 Vaca Valley Parkway, Ste 201 – Vacaville, CA 95688. Please put the agenda item number, if applicable, in the subject line. Comments received prior to the introduction of the agenda item will be distributed to the Committee, made available for public review, and made part of the record.
 - **Oral** – comments may be given in real time during the designated time for public comment by unmuting or using the "Raise Hand" function. Please email SSWAcomments@sidwater.org prior to the introduction of the agenda item, preferably before the start of the meeting, if you need additional assistance with providing a public comment at the meeting.

AGENDA

1. Preliminary

- 1.1. Call Meeting to Order
- 1.2. Introductions
- 1.3. Approval of Agenda

2. Presentations

None

3. Public Comment (Non-Agenda Items)

4. Informational Items

- 4.1. Capital Improvement Project Status Report. **(Page 3)**
- 4.2. SSWA Board Implementing Assembly Bill (AB) 361 Open Meetings: Continuation of Remote Meetings and Adoption of Findings. **(Page 6)**
- 4.3. Chlorine Costs, Gaseous vs. Liquid - Informational **(Page 8)**
- 4.4. Acceptance of Commendation Award for the 2017-2021 SSWA Program Management and Capital Implementation Project **(Page 9)**

5. Consent Calendar

- 5.1. Approval of the Minutes of the July 5, 2022, Executive Committee Meeting. **(Page 10)**

6. Scheduled Items

- 6.1. Discuss Future Board Meeting Type; in-person, hybrid, or teleconferencing – Verbal Update
- 6.2. Review and confirm the Agenda for the SSWA Board Meeting scheduled for August 8, 2022, at 6 p.m., based on Executive Committee Recommendations.

7. Committee Member & Staff Comments

8. Adjourn

**SUISUN-SOLANO WATER AUTHORITY
EXECUTIVE COMMITTEE MEETING**

MEETING DATE: August 1, 2022

AGENDA ITEM 4.1

Capital Improvement Project Status Report

EXECUTIVE SUMMARY:

The current status of the capital projects approved by the Board for FY 2022-23 are listed below. Other projects and issues affecting the Capital Improvement Program are also listed.

STAFF REPORT:

Updates to the project list and status of projects are shown in **bold text**.

A. Replacement Projects

These projects are funded from the Replacement Reserve Fund.

Cement Hill Water Treatment Plant (CHWTP) Projects

1. CHWTP New Entrance Project: Plans have been finalized and coordination with Fairfield is taking place. Civil and Electrical plans for the project are with Fairfield's contractor for preliminary costing. A Joint Agreement for construction of this project by the City of Fairfield's selected contractor for the Manuel Campos Parkway with repayment by SSWA is anticipated to be brought to the Board in 2022 when information has been brought forward from the City and its developer.
2. Physical Security System Integration: The previously approved budget of \$80,000 was prepared to include work by outside consultants, installation of a new AT&T fiber optic communication line, purchase of a router, and staff time. The AT&T fiber optic line has been installed.
3. Filter Meter Replacement: Staff has been authorized to move forward with purchasing the 10 meters for the WTP's pressure filters. Plant operations staff have received the 5 meters serving one of the two plants and will install and program them prior to ordering the remaining meters, so that one plant remains in service with functioning meters at all times.

Combined Distribution Facility Projects

Distribution System Projects

4. Sectionalizing Valve Replacement Project: Some valves needing replacement have been identified and scheduling their replacement is in progress.

5. Crystal Middle School Offsite Pipeline Replacement Project: Design Agreement should be executed soon. Staff requested an exemption for water/sewer separation requirements in one street where it is impossible to meet the minimum requirements. However, the new alignment has more separation than the existing water main. The Division of Drinking Water granted SSWA an exemption from the State water main separation requirements. **Through the design process, there is another water line that requires a waiver. Staff is processing that request.** Staff is reviewing improvement plans and will provide comments on said plans. Upon finalizing plans and executing agreements, construction can proceed.
6. Geographic Information System (GIS): We have received the GIS linework from the consultant.

B. 2019 Bond Fund Projects

These projects are funded from the 2019 Bond Fund.

Cement Hill Facility Projects

7. Chemical System Replacement: This project is in progress. Submittals for material and shop drawing approvals are being submitted by the contractor for review. Work on the new polymer facility is largely complete. The polymer tanks, eight (8) polymer pumps, skids and tubing to the pumps has been installed. Demolition of the old polymer tank facility is complete. The concrete for the new sodium hypochlorite containment structure has been poured, waterproofed, and backfilled. Utility trench piping was labeled, poured, and backfilled. Installation of the sodium hypochlorite tanks and metal building structure, including painting of the columns and beams in the structure, is complete. **Construction of the new block building to house the new sodium hypochlorite pumps is near completion. Plumbing of the sodium hypochlorite tanks and pump room is in progress. Sidewalk around new building is currently being installed. This project is anticipated to be substantially complete by late September with final completion in early October.**
8. Control System Reprogramming: This project will start soon once the new equipment at the Cement Hill Tanks and New Cement Hill Pipeline has been integrated into the plant control system. A site visit has been completed by Telstar to initiate this work.

C. New Capacity Fund Projects

These projects are funded from the Capacity Fund.

9. Walters Road Pipeline: The portion to construct under Highway 12 is on hold.
10. Water Master Plan Update: Staff is combining the Water Master Plan update with the Asset Management Plan. A draft RFP is currently in progress and will be brought to the Board for approval in September.

D. Other Projects

The following items include potential and pending capital projects, and Authority non-capital work (administrative, financial, operations and maintenance) affecting capital projects and planning.

11. Corp Yard Tank Replacement/Railroad Avenue Facility: This facility is planned to be decommissioned. The pumps have failed and staff is proposing not to replace them. In addition, the tank's lining has deteriorated and needs to be replaced. The tank has only been used in the recent past when emergency storage was necessary (tank filled, then immediately emptied after the short term need was gone).

RECOMMENDATION/REQUEST:

None; this is provided for the Board's information.

ATTACHMENTS:

None.

STAFF RESPONSIBLE FOR REPORT:

Paul Fuchslin, SID Director of Engineering

Date: 7/27/2022

**SUISUN/SOLANO WATER AUTHORITY
EXECUTIVE COMMITTEE MEETING**

MEETING DATE: August 6, 2022

Agenda Item No. 4.2

Title: SSWA Board Implementing Assembly Bill (AB) 361 Open Meetings: Continuation of Remote Meetings and Adoption of Findings.

EXECUTIVE SUMMARY:

On March 4, 2020, the Governor of California proclaimed a state of emergency to exist because of the threat of COVID-19. On March 17, 2020, the Governor of California issued Executive Order N-29-20, which among other things, in paragraph 3 established parameters for a local legislative body or state body to hold public meetings via teleconferencing.

In accordance with Executive Order N-29-20 Suisun/Solano Water Authority (SSWA) has been conducting all public meetings via Zoom software for teleconferencing with telephonic access. As of September 30, 2021, the teleconferencing parameters of Executive Order N-29-20 end. As of October 1, 2021, local legislative bodies or state bodies must resume implementing public meeting requirements of the Brown Act, or determine if the parameter of the Assembly Bill (AB) No. 361, as approved on September 16, 2021, should be applied to SSWA public meetings.

On June 13, 2022, the SSWA Board adopted Resolution No. 22- 07, which allowed the continuation of remote meetings during a declared state of emergency.

The SSWA Board may continue to hold meetings remotely in order to ensure the health and safety of the staff and public, provided the meeting complies with Government Code Section 54953(e)(3)). Staff recommends that the SSWA Board may make the following findings to allow continued remote participate of Brown Act meetings in accordance with AB 361 (Government Code Section 54953(e)(3)).


- 1.) The findings set forth in Resolution No. 22-07 continue to be true and valid; and,
- 2.) The Governor's March 4, 2020 proclamation of state of emergency related to the COVID-19 virus pandemic continues to apply to the jurisdiction of SSWA; and,
- 3.) SSWA would have a significant challenge in attempting to maintain social distancing requirements for the public, staff, and Board members in the Suisun City Council chambers without presenting an imminent risk to the health and safety of attendees; and
- 4.) All meetings shall be conducted in accordance with Government Code section 54953(e) and staff is hereby authorized and directed to take all actions necessary to carry out the intent and purpose of this continuing certification, including conducting open and public meetings in accordance with Section 54953(e) and other applicable provisions of the Brown Act.

RECOMMENDATION: Information Only.

FINANCIAL IMPACT: None.

ATTACHMENT: None.

STAFF RESPONSIBLE FOR REPORT:



Cary Keaten, SSWA Manager

07-28-2022
Date

**SUISUN-SOLANO WATER AUTHORITY
EXECUTIVE COMMITTEE MEETING**

MEETING DATE: August 1, 2022

AGENDA ITEM 4.3

Informational Item Regarding Chlorine Costs, Gaseous vs. Liquid

EXECUTIVE SUMMARY:

During the June Board Meeting a Board member inquired about the cost difference for chlorine gas versus liquid chlorine. Below is a table of costs based on recent 2022 invoices. To purchase the same average annual 24,000 pounds of chlorine used to treat the drinking water costs about \$32,000 more for liquid than gas. However, there are other tangible and intangible costs associated with using gaseous chlorine that are not required for liquid chlorine.

Estimated Annual Chlorine Costs (Gas vs. Liquid) 24,000 Pounds/Year Average Application	
Gaseous Chlorine @ \$0.71/pound	\$ 17,100
Liquid Chlorine @ \$2.05/pound	\$ 49,114
<i>Difference</i>	\$ 32,014

The tangible costs are about \$8,000 per year more for gaseous chlorine for items like gas sensors, SCBA (self-contained breathing apparatus) maintenance, regulator servicing, and relief valve servicing. In addition, every three years a consultant is necessary to help prepare the tri-annual chlorine Risk Management Plan (RMP). The consultant cost was \$11,255.

In addition to the tangible costs above, there are intangible costs like the time spent keeping up to speed on the regulatory checkpoints like chlorine safety trainings, filling of air tanks, and maintaining and complying with a chlorine gas RMP that must be reviewed and approved by local officials. Not to mention public safety concerns of a chlorine gas leak due to the residential development near the plant that are within the prevailing wind direction.

RECOMMENDATION/REQUEST:

None. Informational only

ATTACHMENTS:

none

STAFF RESPONSIBLE FOR REPORT:



Paul Fuchslin, Director of Engineering

7/26/2022

**SUISUN/SOLANO WATER AUTHORITY
EXECUTIVE COMMITTEE MEETING**

MEETING DATE: August 1, 2022

Agenda Item No. 4.4

**Title: Acceptance of a Commendation Award for the 2017-2021 SSWA Program
Management and Capital Implementation Project**

EXECUTIVE SUMMARY:

The American Council of Engineering Companies (ACEC) has recognized SSWA's Program Management and Capital Improvement Program (CIP) Implementation project with a commendation award. Kjeldsen, Sinnock, and Neudeck (KSN), Inc., who assisted the Authority with project management services, will present a framed award to the SSWA Board at the regularly scheduled Board meeting.


ACEC California's annual Engineering Excellence Awards competition recognizes outstanding achievements in engineering and land surveying projects completed by California firms on behalf of public agencies. SSWA's Program Management and CIP Implementation was recognized with a Commendation Award based on demonstrating an exceptional degree of innovation, complexity, achievement, and value. SSWA's efforts were evaluated against other submissions from public agencies across California and resulted in **SID/SSWA receiving one of only ten Commendation Awards being granted throughout all of California!**

RECOMMENDATION: Accept and receive the ACEC Commendation Award for the SSWA Program Management and CIP Implementation Project.

FINANCIAL IMPACT: None.


ATTACHMENT: None.

STAFF RESPONSIBLE FOR REPORT:



Gerardo Santana, SID Assistant Engineer

Date: 7/25/2022



Paul Fuchslin, SID Director of Engineering

Date: 7/25/2022

**SUISUN SOLANO WATER AUTHORITY
EXECUTIVE COMMITTEE MEETING**

**Tuesday, July 5, 2022
9:00 a.m.**

**Suisun City Hall Conference Room
701 Civic Center Boulevard
Suisun City, CA**

MINUTES

(UNADOPTED – SUBJECT TO REVISION)

TELECONFERENCE

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AGENDA

Members Present via teleconference:

City of Suisun City: Alma Hernandez, SSWA Board Vice President, City of Suisun City Mayor Pro-Tem; Greg Folsom, SSWA Assistant Manager, City of Suisun City Manager

Solano Irrigation District via teleconference: J.D. Kluge, SSWA Board President, SID Board President; Cary Keaten, SSWA Manager, SID General Manager

Staff Present via teleconference: Paul Fuchslin, SID Director of Engineering; Matt Hobbs, SID Water & Power Operations Manager; Gerardo Santana, SID Assistant Engineer; Lakhwinder Deol, Suisun City Finance Director;

Absent:

1. Preliminary

1.1. Call to Order

As a quorum was present, Mr. Kluge called the meeting to order at 9:03 a.m.

1.2. Introductions

Attendees introduced themselves.

1.3. Approval of Agenda

Upon a motion by Folsom, seconded by Keaten, the agenda was approved as presented without objection.

Ayes: Hernandez, Kluge, Keaten, Folsom

Noes: None

Abstain: None

Absent: None

2. Presentations

None.

3. Public Comment (Non-Agenda Items)

There was no public participation in this meeting.

4. Informational Items

4.1. Capital Improvement Project Status Report.

4.2. SSWA Board Implementing Assembly Bill (AB) 361 Open Meetings: Continuation of Remote Meetings and Adoption of Findings.

No discussion on Informational Items.

5. Consent Calendar

5.1. Approval of the Minutes of the June 6, 2022, Executive Committee Meeting.

5.2. New Statewide Emergency Water Conservation Regulation
Staff answered questions from the Executive Committee.

5.3. Replacement VFD Controllers for CHWTP Plant 1 Treated Water Pumps

Upon a motion by Hernandez, seconded by Keaten, the consent calendar was approved as presented without objection.

Ayes: Hernandez, Kluge, Keaten, Folsom

Noes: None

Abstain: None

Absent: None

6. Scheduled Items

6.1. Review and confirm the Agenda for the SSWA Board Meeting scheduled for Monday, July 11, 2022, at 6 p.m., based on Executive Committee Recommendations.

The Executive Committee discussed the upcoming meeting and confirmed the Agenda for the SSWA Board Meeting scheduled for Monday, July 11, 2022, at 6 p.m. as presented.

7. Committee Member & Staff Comments

None.

8. Adjourn

The meeting was adjourned at 9:16 a.m.