



**NOTICE OF PUBLIC HEARING**  
**(Posted on Friday, March 13, 2020)**

**NOTICE OF PUBLIC HEARING FOR  
 CONSIDERATION OF REVISIONS TO THE  
 SAN FRANCISCO PUBLIC UTILITIES COMMISSION (SFPUC)  
 WATER SYSTEM IMPROVEMENT PROGRAM (WSIP)**

**Tuesday, April 14, 2020  
 1:30 P.M.  
 City Hall, Room 400  
 1 Dr. Carlton B. Goodlett Place  
 San Francisco, California**

**SUBJECT OF PUBLIC HEARING**

Notice is hereby given that the San Francisco Public Utilities Commission (SFPUC) will hold a public hearing as part of its regularly scheduled meeting on Tuesday, April 14, 2020, at 1:30 p.m., for the purpose of considering proposed revisions to the Water System Improvement Program (WSIP), referred to as the “March 2020 Proposed Revised WSIP.”

**PUBLIC COMMENTS ON PROPOSED REVISIONS**

All interested parties are invited to attend the public hearing and provide public comment on the proposed revisions. Individuals who are unable to attend the public hearing may submit to the SFPUC, by the time the hearing begins on April 14, 2020, written comments regarding the subject of the hearing. These comments will be brought to the attention of the Commission and will become part of the official public record. Written comments should be sent to:

Donna Hood, Commission Secretary  
 San Francisco Public Utilities Commission  
 525 Golden Gate Avenue (13<sup>th</sup> Floor)  
 San Francisco, CA 94102  
 Email: [Commission@sfwater.org](mailto:Commission@sfwater.org)

**BACKGROUND**

The Wholesale Regional Water System Security and Reliability Act (Water Code § 73500 et seq.) requires the SFPUC to provide notice that certain changes to the WSIP are to be considered. Specifically, the SFPUC is required to provide written notice no less than 30 days before a meeting if the SFPUC is to consider the adoption of program changes that would delay the completion dates for WSIP projects and/or result in the construction of different projects. Information about the reasons for the proposed changes are provided herein, and in the quarterly

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and annual reports for the WSIP that have been published since the last changes to WSIP were approved in April 2018; these reports are available on the SFPUC's website ([www.sfwater.org](http://www.sfwater.org)).

The SFPUC last adopted program-wide revisions to the WSIP, including revised program scope, schedule, and budget, on April 10, 2018, referred to as the "March 2018 Revised WSIP." The current WSIP completion date under the March 2018 Revised WSIP is December 20, 2021. As of the date of this notice, the WSIP is over 98 percent complete.

During early 2020, WSIP Senior Management reviewed the status of the remaining WSIP projects and analyzed the forecasted schedules, budgets, and scopes for each project. Based on this analysis, the SFPUC has determined that the schedules for five WSIP projects should be extended with new completion dates as follows, in order to reflect current known construction schedules and remaining needs and requirements:

1. WSIP Closeout Project - San Joaquin: Extend completion date by 15 months to March 31, 2021
2. Alameda Creek Recapture Project: Extend completion date by 18 months to May 5, 2023
3. Calaveras Dam Replacement Project: Extend completion date by 15 months to March 31, 2021
4. WSIP Closeout Project - Bay Division: Extend completion date by 6 months to December 31, 2020
5. WSIP Closeout Project - Peninsula: Extend completion date by 3 months to August 5, 2021

The SFPUC does not recommend adjusting the budget for any of the projects at this time due to the uncertainty of potential cost changes. The SFPUC will continue to report any potential budget variances in the project forecasts until more accurate cost information is available. There are no proposed scope changes to any of the projects.

At this time, the SFPUC is not proposing revisions for the Regional Groundwater Storage and Recovery (RGSR) Project. However, the SFPUC anticipates that there will be a need for revisions with respect to the RGSR Project's scope and schedule. This is due to several complications that have developed during project construction and start-up, which the SFPUC is currently evaluating. The SFPUC anticipates that it will propose revisions for the RGSR Project for adoption by the Commission in approximately one year, and it will provide written notice not less than 30 days before the date that the Commission is to consider such proposed revisions. The SFPUC has been in communication with the Bay Area Water Supply and Conservation Agency (BAWSCA) concerning the potential need for revisions to the RGSR Project, and BAWSCA agrees with the SFPUC's proposed approach. The SFPUC will continue to communicate with BAWSCA as it evaluates and develops potential revisions for the RGSR Project and will keep BAWSCA informed as further information becomes available. While the SFPUC evaluates and develops potential revisions for the RGSR Project, the forecasted project completion date for the project may trend beyond the current approved project completion date of December 30, 2021 until such changes are proposed to, and adopted by, the Commission in 2021.

The SFPUC recommends adopting the proposed revisions, to extend the completion dates of the following five WSIP projects, which is discussed in further detail below. The proposed revisions will extend the WSIP completion date from December 20, 2021 to May 5, 2023.

**CHANGE SUMMARY**

**1. WSIP Closeout Project - San Joaquin (Proposed 15-month Extension)**

The current approved project completion date for the WSIP Closeout Project - San Joaquin is December 20, 2019. The SFPUC proposes to extend that completion date by 15 months to March 31, 2021. The proposed schedule revision will allow more time for the SFPUC’s contractor to procure lithium batteries for the solar power facilities at the San Joaquin No. 4 Junction, Throttling Station at Knight’s Ferry, and Oakdale Portal, which is expected to take 30 weeks. The extension allows for installation of the batteries in the fall and winter of 2020, with Project Closeout by March 31, 2021.

Variances between the “2020 Proposed” and “2018 Approved” dates for various stages of the project are shown in the table below.

WSIP Closeout Project - San Joaquin	2018 Approved		2020 Proposed		Variance at Completion (days)
	Start	Finish	Start	Finish	
Planning	N/A	N/A	N/A	N/A	0
Environmental	N/A	N/A	N/A	N/A	0
Design	10/02/17	05/31/18	10/02/17	09/21/19	478
Bid and Award	06/01/18	08/31/18	09/23/19	02/28/20	546
Construction	05/09/17	08/30/19	05/09/17	12/30/20	488
Closeout	09/03/19	12/20/19	05/01/18	03/31/21	467

**2. Alameda Creek Recapture Project (Proposed 18-month Extension)**

The current approved project completion date for the Alameda Creek Recapture Project is November 3, 2021. The SFPUC proposes to extend that completion date by 18 months to May 5, 2023. The proposed schedule revision will accommodate the additional time needed to complete the California Environmental Quality Act (CEQA) review process for the project, including the certification of the Final Environmental Impact Report. The proposed schedule revision will also allow sufficient time to (1) complete environmental permitting, (2) incorporate recent design code changes into the design documents, (3) accommodate revisions to the pond operating protocol, (4) construct the facility, and (5) perform operational testing.

Variations between the “2020 Proposed” and “2018 Approved” dates for various stages of the project are shown in the table below.

Alameda Creek Recapture Project	2018 Approved		2020 Proposed		Variance at Completion (days)
	Start	Finish	Start	Finish	
Planning	09/30/03	11/14/14	09/30/03	11/14/14	0
Environmental	04/23/10	12/28/18	04/23/10	08/14/20	595
Design	07/01/10	12/06/18	07/01/10	07/14/20	586
Bid and Award	01/17/17	08/29/19	01/17/17	01/15/21	505
Construction	08/30/19	05/04/21	01/15/21	11/07/22	552
Closeout	05/05/21	11/03/21	11/08/22	05/05/23	548

**3. Calaveras Dam Replacement Project (Proposed 15-month Extension)**

The current approved project completion date for the Calaveras Dam Replacement Project is December 20, 2019. The SFPUC proposes to extend that completion date by 15 months to March 31, 2021. The proposed schedule revision will allow for continuous monitoring of the new dam until the reservoir reaches its highest elevation of 756 feet. This monitoring is required by California Division of Safety of Dams (DSOD) and was postponed in 2019 due to unusually high precipitation during Winter 2018/2019. The proposed schedule revision is also needed to complete two punch list items that are weather dependent for the Fish Passage Facilities within the Alameda Creek Watershed, which is a sub-project to the Calaveras Dam Replacement Project. These items are: (1) repair of the debris rake/rack system during no or low flow in Alameda Creek (Spring/Summer 2020) and (2) completion of wet testing when the creek has sufficient water flow (Winter/Spring 2019/2020 or Winter 2020/2021, if necessary). In addition to the dam monitoring and facilities testing, several outstanding deliverable items for the Calaveras Dam Replacement Project, such as modification of the conductor and electrical breaker for the sump pump, removal and replacement of security hardware, and installation of the left spillway’s safety railing will be completed using a Job Order Contract.

Variations between the “2020 Proposed” and “2018 Approved” dates for various stages of the project are shown in the table below.

Calaveras Dam Replacement Project	2018 Approved		2020 Proposed		Variance at Completion (days)
	Start	Finish	Start	Finish	
Planning	09/03/02	11/04/05	09/03/02	11/04/05	0
Environmental	05/16/05	02/06/12	05/16/05	02/06/12	0
Design	11/14/05	11/13/15	11/14/05	11/13/15	0
Bid and Award	12/27/10	03/07/16	12/27/10	03/07/16	0
Construction	05/31/11	06/19/19	05/31/11	12/31/20	561
Closeout	12/17/18	12/20/19	07/12/19	03/31/21	467

**4. WSIP Closeout Project – Bay Division (Proposed 6-month Extension)**

The current approved project completion date for the WSIP Closeout Project - Bay Division is June 30, 2020. The SFPUC proposes to extend that completion date by 6 months to December 31, 2020. The proposed schedule revision will allow for more time for the SFPUC’s contractor to mobilize for the Bay Division Pipeline (BDPL) Nos. 3 and 4 Site Drainage and Pipe Coating Repairs work, which is a sub-project to the WSIP Closeout Project - Bay Division. Extension of the schedule is also needed to address the challenges in coordinating with the shutdown for the CUW35302 Seismic Upgrade of BDPL Nos. 3 and 4 warranty work and to avoid any additional BDPL No. 3 shutdowns.

Variances between the “2020 Proposed” and “2018 Approved” dates are shown in the table below.

WSIP Closeout - Bay Division	2018 Approved		2020 Proposed		Variance at Completion (days)
	Start	Finish	Start	Finish	
Planning	07/06/16	06/30/20	07/06/16	06/30/20	0
Environmental	07/06/16	06/30/20	07/06/16	06/30/20	0
Design	07/06/16	03/30/18	07/06/16	06/30/20	823
Bid and Award	07/06/16	07/31/18	07/06/16	09/30/19	426
Construction	07/06/16	11/19/19	07/06/16	09/30/20	316
Closeout	04/25/17	06/30/20	04/25/17	12/31/20	184

**5. WSIP Closeout Project – Peninsula (Proposed 3-month Extension)**

The current approved project completion date for the WSIP Closeout Project - Peninsula is May 19, 2021. The SFPUC proposes to extend that completion date by 3 months to August 5, 2021. The proposed schedule revision will accommodate contract delays and extensions necessary to complete all required work on the project and its multiple sub-projects. For example, more time is needed for the construction of the Lower Crystal Springs Dam (LCSD) Stilling Basin Connecting Channel sub-project, which has been delayed due to the rebid of the sub-project contract to combine all scope items (stilling basin, dissipation structure, and valve H-53) into one contract. The construction schedule for the North Parapet Wall

Extension sub-project also requires an extension due to the contractor’s delays in submitting the cost proposal and the site-specific health and safety plan. Finally, the LCSD Security Assessment sub-project requires more time than previously planned to hire a consultant to perform the security assessment.

Variances between the “2020 Proposed” and “2018 Approved” dates for various stages of the project are shown in the table below.

WSIP Closeout Project - Peninsula	2018 Approved		2020 Proposed		Variance at Completion (days)
	Start	Finish	Start	Finish	
Planning	N/A	N/A	N/A	N/A	0
Environmental	07/01/16	12/18/20	07/01/16	12/18/20	0
Design	07/01/16	11/19/18	07/01/16	06/30/20	589
Bid and Award	08/01/18	12/13/18	12/27/16	01/22/19	40
Construction	07/01/16	11/20/20	07/01/16	02/06/21	78
Closeout	11/23/20	05/19/21	07/01/17	08/05/21	78