



Santa Clara Valley Water District Stream Planning & Operations Committee Meeting

Teleconference Zoom Meeting
5700 Almaden Expressway
San Jose, CA 95118

AGENDA

Thursday, September 9, 2021
12:00 PM

District Mission: Provide Silicon Valley safe, clean water for a healthy life, environment and economy.

SPOC COMMITTEE

Barbara Keegan - District 2
Linda J. LeZotte - District 4
Tony Estremera - District 6

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Note: The finalized Board Agenda, exception items and supplemental items will be posted prior to the meeting in accordance with the Brown Act.

Santa Clara Valley Water District Stream Planning & Operations Committee

AGENDA

Thursday, September 9, 2021

12:00 PM

Teleconference Zoom Meeting

IMPORTANT NOTICES

This meeting is being held in accordance with the Brown Act as currently in effect under the State Emergency Services Act, the Governor's Emergency Declaration related to COVID-19, and the Governor's Executive Order N-29-20 issued on March 17, 2020 that allows attendance by members of the Committee, staff, and the public to participate and conduct the meeting by teleconference, videoconference, or both.

Members of the public wishing to address the Committee during a video conferenced meeting on an item not listed on the agenda, or any item listed on the agenda, should use the "Raise Hand" tool located in Zoom meeting link listed on the agenda. Speakers will be acknowledged by the Committee Chair in the order requests are received and granted speaking access to address the Committee.

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Join Zoom Meeting:
<https://valleywater.zoom.us/j/98460637852>

Dial in information
1 669 900 9128 US (San Jose)
Meeting ID: 984 6063 7852

1. CALL TO ORDER:

1.1. Roll Call.

2. TIME OPEN FOR PUBLIC COMMENT ON ANY ITEM NOT ON THE AGENDA.

Notice to the Public: Members of the public who wish to address the Committee on any item not listed on the agenda should access the "Raise Hand" tool located in Zoom meeting link listed on the agenda. Speakers will be acknowledged by the Committee Chair in order requests are received and granted speaking access to address the Committee. Speakers comments should be limited to three minutes or as set by the Chair. The law does not permit Committee action on, or extended discussion of, any item not on the agenda except under special circumstances. If Committee action is requested, the matter may be placed on a future agenda. All comments that require a response will be referred to staff for a reply in writing. The Committee may take action on any item of business appearing on the posted agenda.

3. APPROVAL OF MINUTES:

3.1. Approval of Minutes.

[21-0702](#)

Recommendation: Approve the July 8, 2021 Stream Planning and Operations Committee (SPOC) minutes.

Manager: Michele King 408-630-2711

Attachments: [Attachment 1: July 8, 2021 SPOC Minutes.](#)

4. INFORMATION AND ACTION ITEMS:

- 4.1. Receive Updates on Fish and Aquatic Habitat Collaborative Effort (FAHCE) Progress and Deliverables. [21-0704](#)

Recommendation: A. Receive updates on the FAHCE progress and deliverables;
B. Receive updates on the Adaptive Management Program;
C. Discuss the prioritization of FAHCE Phase 1 non-flow measures in the Guadalupe River and Stevens Creek watersheds; and
D. Receive updates on contract status.

Manager: John Bourgeois at 408-314-8859.

Attachments: [Attachment 1: Adaptive Management Program](#)
[Attachment 2: Prioritization of Nonflow Measures](#)

- 4.2. Discuss District and Non-District Programs, Projects and Other Activities that May Affect the FAHCE Settlement Agreement and Implementation. [21-0485](#)

Recommendation: A. Discuss programs, projects and other activities that may affect the FAHCE Program; and
B. Provide input on these activities to ensure their consistency with the intent of the FAHCE Settlement Agreement.

Manager: John Bourgeois at 408-314-8859.

Attachments: [Attachment 1: PowerPoint](#)

- 4.3. Review Stream Planning and Operations Committee (SPOC) Work Plan, Outcomes of Board Action of Committee Requests, and the Next Meeting Agenda. [21-0703](#)

Recommendation: A. Review 2021 SPOC work plan, outcomes of Board action of Committee requests, and next meeting agenda; and
B. Schedule Committee meetings as appropriate.

Manager: Michele King, 408-630-2711

Attachments: [Attachment 1: 2021 SPOC Work Plan](#)
[Attachment 2: November 4, 2021 Draft Agenda](#)

5. CLERK REVIEW AND CLARIFICATION OF COMMITTEE REQUESTS.

This is an opportunity for the Clerk to review and obtain clarification on any formally moved, seconded, and approved requests and recommendations made by the Committee during the meeting.

6. ADJOURN:

- 6.1. Adjourn to Regular Meeting at 12:00 p.m., on November 4, 2021.



Santa Clara Valley Water District

File No.: 21-0702

Agenda Date: 9/9/2021
Item No.: 3.1.

COMMITTEE AGENDA MEMORANDUM

Stream Planning and Operations Committee

SUBJECT:

Approval of Minutes.

RECOMMENDATION:

Approve the July 8, 2021 Stream Planning and Operations Committee (SPOC) minutes.

SUMMARY:

A summary of SPOC Committee discussions, and details of actions taken during an open and public meeting is submitted for review and approval.

Upon approval, minutes transcripts are finalized and entered into the District's historical records archives and serve as historical records of the Committee's meetings.

ATTACHMENTS:

Attachment 1: July 8, 2021 SPOC Minutes.

UNCLASSIFIED MANAGER:

Michele King 408-630-2711

**THURSDAY, July 8, 2021
12:00 PM**

(Paragraph numbers coincide with agenda item numbers)

1. CALL TO ORDER

1.1 ROLL CALL

A meeting of the Santa Clara Valley Water District (Valley Water) Stream Planning and Operations Committee (SPOC) was called to order by Director Barbara Keegan at 12:00 p.m. on July 8, 2021.

Board members in attendance: Director Barbara Keegan-District 2, Director Linda J. LeZotte-District 4, and Director Tony Estremera-District 6, constituting a quorum of the SPOC.

Staff members in attendance: Emmanuel Aryee, Aaron Baker, John Bourgeois, Anthony Fulcher, Vincent Gin, Chris Hakes, Ryan Heacock, Bassam Kassab, Michele King, David Montenegro, Eric Olson, Lisa Porcella, Kelly White, Ken Wong, Tina Yoke and Sarah Young.

Guests in attendance: John Varela, District 1 Director; Stan Williams, Cordoba Corporation; Leslie Tice, HDR.

2. TIME OPEN FOR PUBLIC COMMENT ON ANY ITEM NOT AN AGENDA

Director Keegan declared time open for public comment on any item not on the agenda. There was no one present who requested to speak.

3. APPROVAL OF MINUTES

3.1 APPROVAL OF MINUTES

The SPOC considered the draft minutes from the May 13, 2021 meeting. It was moved by Director Estremera, seconded by Director LeZotte, and unanimously carried by roll call vote to approve the minutes as presented.

4. INFORMATION AND ACTION ITEMS

4.1 Receive Updates on Fish and Aquatic Habitat Collaborative Effort (FAHCE) Progress and Deliverables.

Staff provided updates on the following FAHCE subjects:

Mr. Ryan Heacock, Senior Water Resource Specialist, announced that the draft Environmental Impact Report (EIR) was released on June 30, 2021 and stated that a virtual public meeting would be held on July 21, 2021.

Mr. Eric Olson, Senior Engineer, provided an update on the FAHCE Plus Pilot Flows Implementation at Guadalupe Creek and Stevens Creek as outlined in the attached SPOC agenda memorandum.

Ms. John Bourgeois, Deputy Operating Office, provided an update on the Adaptive Management Team and the FAHCE Initialing Parties activity as outlined in the attached SPOC agenda memorandum.

Mr. Lisa Porcella, Environmental Mitigation and Monitoring Manager, gave an update on the FAHCE contracts as outlined in the attached SPOC agenda memorandum.

Mr. Heacock and Ms. Leslie Tice, HDR, provided an update on the FAHCE draft EIR as presented in Item 4.1, Handout 1, PowerPoint presentation.

SPOC Chair Keegan expressed concern for access to the public libraries where the draft EIR could be viewed and reiterated that the document could be viewed at the Valley Water offices. Staff provided a list of the six libraries where copies of the draft EIR are located.

Director LeZotte requested that an item be added to the SPOC work plan in September to receive an update on the draft EIR public comment themes after the public comment period is over.

SPOC Chair Keegan requested that when presentations are made to the full Board and the public, that examples of programmatic and project draft EIR be included.

4.2 Receive Update on Anderson Dam Seismic Retrofit Project.

Mr. Chris Hakes, Deputy Operating Officer, provided an update on this item as outlined in the attached SPOC agenda memorandum.

4.4 Review Stream Planning and Operations Committee (SPOC) Work Plan, Outcomes of Board Action of Committee Requests, and the Next Meeting Agenda.

Ms. Michele King, Clerk of the Board, reviewed the work plan and draft agenda for the September meeting, updating that an item would be added in September to review the draft EIR comment themes.

Due to the number of items currently scheduled for the September meeting, SPOC Chair Keegan will work with the Board scheduler and committee members on identifying a date for a field tour originally listed to occur in September.

5. CLERK REVIEW AND CLARIFICATION OF COMMITTEE REQUESTS.

There were no committee requests.

6. ADJOURNMENT

Chair Keegan adjourned the meeting at approximately 1:20 pm. to the September 9, 2021 meeting.

Michele L. King
Clerk of the Board

Approved:



Santa Clara Valley Water District

File No.: 21-0704

Agenda Date: 9/9/2021
Item No.: 4.1.

COMMITTEE AGENDA MEMORANDUM

Stream Planning and Operations Committee

SUBJECT:

Receive Updates on Fish and Aquatic Habitat Collaborative Effort (FAHCE) Progress and Deliverables.

RECOMMENDATION:

- A. Receive updates on the FAHCE progress and deliverables;
- B. Receive updates on the Adaptive Management Program;
- C. Discuss the prioritization of FAHCE Phase 1 non-flow measures in the Guadalupe River and Stevens Creek watersheds; and
- D. Receive updates on contract status.

SUMMARY:

Following the July 8, 2021 Stream Planning and Operations Committee (SPOC) meeting, FAHCE updates include:

Progress on Deliverables

Draft Environmental Impact Report (EIR) Comment Period Extended: On July 21, 2021 a virtual public meeting was held for the FAHCE Program draft EIR which was released for public review on June 30, 2021. The meeting was also streamed live on Santa Clara Valley Water District's (Valley Water) Facebook page. The recording along with the presentation was posted at www.valleywater.org/node/1828 <<http://www.valleywater.org/node/1828>>. In response to requests made through emails and at the public meeting, Valley Water has extended the public review and comment period from August 16 to October 15, 2021 at 5:00 PM. Staff updated interested parties through email notifications, notified the Office of Planning and Research State Clearinghouse, notified the County as well as liaisons for Environmental and Water Resources Committee, Water Commission, and water retailers.

FAHCE Plus Pilot Flows Implementation at Guadalupe Creek and Stevens Creek: Staff continue to coordinate the FAHCE Plus Pilot Flow Project for Guadalupe Creek and Stevens Creek initiated on October 1, 2020. The two-year Pilot Project provides storage-based releases from Guadalupe Reservoir and Stevens Creek Reservoir into Guadalupe and Stevens creeks, respectively. Current flow releases are in accordance with the FAHCE Plus

rule curves based on available reservoir storage.

On July 8, Gov. Gavin Newsom included Santa Clara County in the state's drought emergency proclamation. This underscores the seriousness of the water shortage emergency condition as declared by Valley Water board on June 9. Consistent with both the FAHCE Plus rule curves and the extreme drought condition, pulse releases are not scheduled as we're currently outside of the possible pulse release timeframe of December 1 through mid-April.

FAHCE Initialing Parties: This year, Valley Water convened meetings of the FAHCE Initialing Parties on February 8, April 19 and June 24, 2021. No meetings have been convened since July 2021.

FAHCE Adaptive Management Team (AMT): Valley Water convened a 3rd Adaptive Management Team meeting on July 15, 2021, to discuss refinements to the AMT charter and discuss changes made to the adaptive management and monitoring program based on AMT prior input. The presentation provided at the meeting (see Attachment 1) was based on the draft Fish Habitat Restoration Plan (FHRP), which is a part of the June 30, 2021 public draft EIR.

Prioritization of FAHCE Phase 1 Non-flow Measures: Discussing the prioritization of FAHCE Phase 1 non-flow measures in the Guadalupe River and Stevens Creek watersheds is a part of this Committee's work plan. Attachment 2 provides a summary of FAHCE projects completed to date, and the priorities within 5 and 10 years of the effective date of FAHCE implementation. The summary provided is based on the implementation schedule contained in the draft FHRP.

FAHCE Contracts Update

An administrative no-cost extension is being processed for the HDR Engineering (HDR) contract. In addition, staff is working with HDR to amend the existing contract to enable HDR to assist with responses to public comments on the draft EIR, make the corresponding revisions to the draft EIR and for finalizing the EIR. The new amendment will include an extension for an additional year and add up to \$1 million for consulting services. A staff recommendation for contract amendment is anticipated to be presented to the Board for approval in the fall of 2021.

ATTACHMENTS:

Attachment 1: Adaptive Management Program
Attachment 2: Prioritization of Phase 1 Nonflow Measures

UNCLASSIFIED MANAGER:

John Bourgeois at 408-314-8859.



Fish and Aquatic Habitat Collaborative Effort Adaptive Management Program and Monitoring

Prepared for Adaptive Management Team
July 14, 2021



Prepared By Hanson Environmental, Inc. and Valley Water FAHCE Team

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Presentation Outline

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- A. Navigation to the EIR documents
- B. Summary of Findings
- C. Fish Habitat Restoration Plan (FHRP)
- D. Chapter 6 of the FHRP
- E. Clarifications on Issues Raised in February
- F. Comment Period

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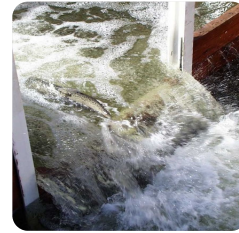
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A. EIR Document Navigation

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- Executive Summary
- Chapter 1 – Introduction
- Chapter 2 – Project Description
- Chapter 3 – Environmental Setting and Impact Analysis
(FAHCE Project Analysis)
- Chapter 4 – Alternatives
(No Project, Non-Flow Only, FAHCE-Plus Analysis)
- Chapter 5 – Other Statutory Considerations
(Including Cumulative Effects Analysis)
- Chapter 6 – List of Preparers
- Chapter 7 - References



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A. Program EIR Scope

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- Program EIR with some project-level CEQA analysis
 - Project-level analysis - flow measures
 - Programmatic analysis - non-flow measures
- Current Baseline (2015) v. Future Baseline (2035)
- Adaptive Management Program
 - Adaptive management of restoration measures
 - Impacts of foreseeable Phase 1 monitoring, maintenance, and adaptive actions that would be part of AMP implementation.

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A. Program EIR Scope, continued

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- Alternatives Evaluated in the Draft EIR

Project or Alternative	FAHCE Non-flow Measures	Water Rights Petitions Granted	Operations Rule Curves: FAHCE	Operations Rule Curves: FAHCE-plus
Proposed Project	Yes	Yes	Yes	No
No Project Alternative	No	No	No	No
Non-flow Measures Only Alternative	Yes	No	No	No
FAHCE-plus Alternative	Yes	Yes	No	Yes

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B. Summary of Findings—Adverse Impacts

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	FAHCE (Proposed Project)	No Project Alternative	Non-Flow Only Alternative	FAHCE-plus Alternative
Hydrology		Significant & Unavoidable (Flow Measures)		
Terrestrial Biological Resources	Significant but Mitigable (Non-Flow Measures)		Significant but Mitigable (Non-Flow Measures)	Significant but Mitigable (Non-Flow Measures)
Cultural Resources	Significant & Unavoidable (Non-Flow Measures)		Significant & Unavoidable (Non-Flow Measures)	Significant & Unavoidable (Non-Flow Measures)
Tribal Cultural Resources	Significant & Unavoidable (Non-Flow Measures)		Significant & Unavoidable (Non-Flow Measures)	Significant & Unavoidable (Non-Flow Measures)
Geology & Soils (Paleontology)	Significant but Mitigable (Non-Flow Measures)		Significant but Mitigable (Non-Flow Measures)	Significant but Mitigable (Non-Flow Measures)
Noise	Significant & Unavoidable (Non-Flow Measures)		Significant & Unavoidable (Non-Flow Measures)	Significant & Unavoidable (Non-Flow Measures)

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B. Summary of Findings—Beneficial Impacts

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	FAHCE (Proposed Project)	No Project Alternative	Non-Flow Only Alternative	FAHCE-plus Alternative
Water Quality	Beneficial (Flow and Non-Flow Measures)		Beneficial (Flow and Non-Flow Measures)	Beneficial (Flow and Non-Flow Measures)
Aquatic Biological Resources	Beneficial (Flow and Non-Flow Measures)		Beneficial (Flow and Non-Flow Measures)	Beneficial (Flow and Non-Flow Measures)
Terrestrial Biological Resources	Beneficial (Flow and Non-Flow Measures)		Beneficial (Flow and Non-Flow Measures)	Beneficial (Flow and Non-Flow Measures)

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B. Key Distinctions: FAHCE v. FAHCE-plus

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- Impacts across most resource topics were found to be relatively comparable
- A few key distinctions were found in Aquatic Biological Resources:
 - The FAHCE-Plus Alternative would improve habitat conditions and migration potential for steelhead to the largest extent
 - Both FAHCE and the FAHCE-plus Alternative would improve habitat conditions overall and migration potential for the Chinook salmon

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Environmentally Superior Alternative: FAHCE-Plus



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C. EIR Appendices Navigation

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- A - Draft Fish Habitat Restoration Plan**
- B - Settlement Agreement**
- C - Stakeholder Engagement**
- D - District Best Management Practices**
- E - General Conditions of the Valley Habitat Plan Applicable to FAHCE FHRP**
- F - Initial Study**
- G - Valley Water Daily WEAP Model Technical Memorandum**
- H - Methods for Establishing Reaches of Interest and Points of Interest Technical Memorandum**
- I - Temperature Modeling Technical Memorandum**
- J - White Paper on Work Flow of the HEC-RAS Cross Section Analysis**
- K - Fisheries and Aquatic Habitat Technical Memorandum**
- L - Proposed Petitions to Change Water Rights**
- M - Water Supply Technical Memorandum**
- N - Fisheries Habitat Availability Estimation Methodology**
- O - Use of Habitat Data in Support of CEQA Analysis for FAHCE Fish Habitat Restoration Plan**
- P - Terrestrial Biological Resources Technical Memorandum**
- Q - CalEEMod Air Quality Modeling**

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D. Draft Fish Habitat Restoration Plan

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- 1. Introduction**
- 2. Three Creeks Objectives and Common Elements**
 - 2.1 Beneficial Uses to be Protected
 - 2.2 FHRP Management Objectives
 - 2.3 Three Creeks Common Elements
 - 2.4 Three Creeks Field Surveys
- 3. Stevens Creek Watershed (Phase 1 Measures)**
 - 3.1 Watershed-specific Objectives
 - 3.2 Stevens Creek Watershed Characteristics and Fisheries Habitat Conditions
 - 3.3 Proposed Changes to Water Rights
 - 3.4 Flow Measures and Reservoir Reoperation Rule Curves
 - 3.5 Fish Passage Barriers
 - 3.6 Spawning and Rearing Habitat Improvements
 - 3.7 Other Watershed-specific Improvements
 - 3.8 Geomorphic Functions Enhancement Pilot Project – Early Implementation Project
- 4. Guadalupe River Watershed (Phase 1 Measures)**
 - 4.1 Watershed-specific Objectives
 - 4.2 Guadalupe River Watershed Characteristics and Fisheries Habitat Conditions
 - 4.3 Proposed Changes to Water Rights
 - 4.4 Flow Measures and Reservoir Reoperation Rule Curves
 - 4.5 Fish Passage Barriers
 - 4.6 Spawning and Rearing Habitat Improvements
 - 4.7 Other Watershed-specific Improvements
- 5. Coyote Creek Watershed (Phase 1 Measures)**
 - 5.1 Watershed-specific Objectives
 - 5.2 Coyote Creek Watershed Characteristics and Fisheries Habitat Conditions
 - 5.3 Proposed Changes to Water Rights
 - 5.4 Flow Measures and Reservoir Reoperation Rule Curves
 - 5.5 Fish Passage Barriers
 - 5.6 Spawning and Rearing Habitat Improvements
 - 5.7 Other Watershed-specific Improvements
 - 5.8 Geomorphic Functions Enhancement Pilot Project – Early Implementation Project
- 6. Adaptive Management Program**
- 7. Reference**

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D. Adaptive Management Program

Chapter 6 Outline

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February Working Draft Version

- 6.1 Introduction/Purpose
- 6.2 Adaptive Management Assets
- 6.3 Adaptive Management Framework
- 6.4 Adaptive Management Team/Decision Making
- 6.5 Measurable Objectives
- 6.6 Monitoring Program Overview
- 6.7 Compliance Monitoring
- 6.8 Validation Monitoring
- 6.9 Long Term Trend Monitoring

June 30 Public Draft Version

- 6.1 Introduction
- 6.2 FAHCE Adaptive Management Program
- 6.3 Challenges and Uncertainties
- 6.4 Implementation and Measurable Objectives
- 6.5 Monitoring Program
- 6.6 Adaptive Management Team
- 6.7 Decision Making Process
- 6.8 Implementation Schedule
- 6.9 Funding for Implementation

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E. Overall Management Objectives

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Section 6.2.2 of the Settlement Agreement (SA):

To “restore and maintain healthy steelhead trout and salmon populations as appropriate to *each* of the Three Creeks, **by providing**

- (A) suitable spawning and rearing habitat within each watershed, and
- (B) adequate passage for adult steelhead trout and salmon to reach suitable spawning and rearing habitat and for out-migration of juveniles.”



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E. Purpose of the AMP

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To implement restoration measures specified in Sections 6.2 to 6.7 of the SA, “in an adaptive manner in order to effectively mitigate any adverse impacts on the steelhead trout and Chinook salmon fisheries and their habitat, **resulting from SCVWD’s water supply facilities and operations.**” (Section 7.1 of the SA)

“The purpose of the Adaptive Management Program is to maximize biological and physical benefits material to the Overall Management Objectives through the choice and implementation of the **most cost-effective flow and non-flow measures.**” (Section 7.3 of the SA)



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E. Measurable Objectives in SA

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7.3 (A) of SA”

(A) ...The measurable objectives will relate to **those habitat qualities impacted by SCVWD’s facilities and operations**, given the Parties’ recognition that **SCVWD is not responsible under this Agreement for other environmental conditions that may limit the population or distribution of these fisheries.** Measurable objectives will be developed for flow measures, including maintenance of suitable water temperatures for summer steelhead rearing, performance of fish passage facilities, and other non-flow measures.



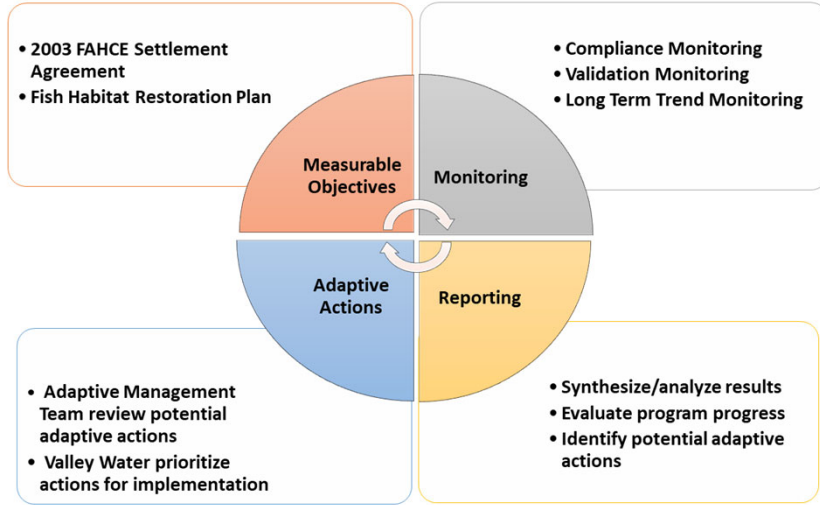
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E. Elements of AMP and Monitoring

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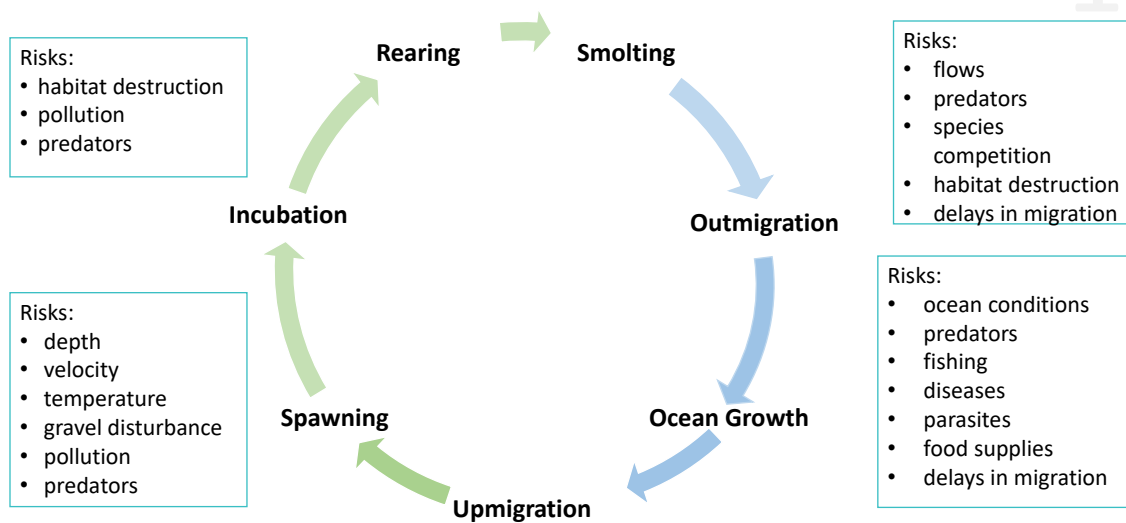


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F. Uncertainties and Risks Affecting Fish Population

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E. Three Categories of Monitoring

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Compliance	Validation	Long-Term Trend
<ul style="list-style-type: none"> • Reservoir releases • Progress on habitat restoration and fish passage projects • Progress on planning and feasibility studies 	<ul style="list-style-type: none"> • Depth and velocity • Water temperature • Extent of CWM • Fish passage • Instream substrate and habitat complexity 	<ul style="list-style-type: none"> • Adult fish abundance • Juvenile fish density • Juvenile migration • Population genetics • Fish species composition

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E. Elements of the Annual Report

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Flow Releases	Monitoring Results	SA Restoration Projects	Cost	Plan for Next Year
<ul style="list-style-type: none"> • release location • release rate • release duration • release frequency • release time • compliance with FAHCE rule curves • compliance with prescribed ramping rates • pulse flow operations 	<ul style="list-style-type: none"> • habitat monitoring data • data analysis (including progress towards measurable objectives) • trend analysis, when adequate data is collected 	<ul style="list-style-type: none"> • implementation status • update on completion schedule 	<ul style="list-style-type: none"> • replacement value for water used in flow releases • monitoring cost • costs for non-flow restoration measures • AMT support cost • capital and maintenance costs for habitat enhancement actions 	<ul style="list-style-type: none"> • program elements • recommended changes (including adaptive measures; process improvements; refinements to analytical tools and/or monitoring approach; • collaboration needs; • available funding

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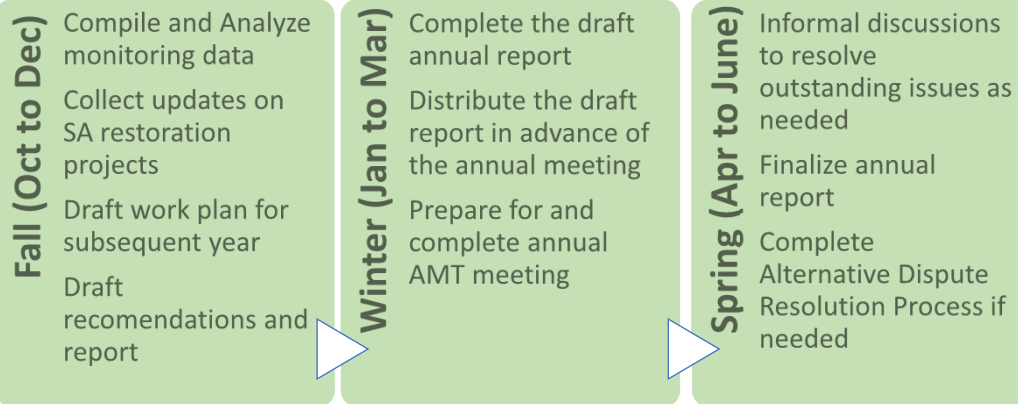


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E. Annual schedule for reporting

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E. Gradients of agreement

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A “gradients of agreement” framework will be applied to AMT discussions in which each AMT member may express:

- **Strong opposition** (not consensus). No amending will be acceptable to the member; opposing member needs to provide rationale for this vote
- **Oppose unless amended** (not consensus). Member will oppose unless the proposal or recommendation is amended; opposing member needs to clarify the rationale for what needs to be amended and specify the amendment
- **Stand aside or neutral**. Member will stand aside to allow the group to reach consensus without them, and/or the proposal does not affect the member or their interests
- **Live with it/workable**. Member does not overwhelmingly support the proposal but can live with it
- **Strong support**

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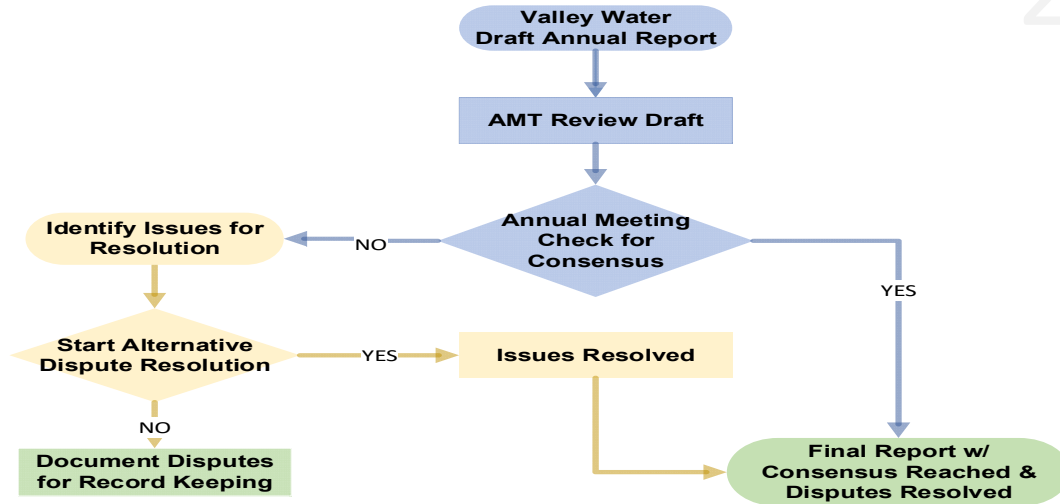


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E. Decision-Making Process

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F. Public Review and Comment Period

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- Available for review at: <https://www.valleywater.org/project-updates/public-review-documents>
- Available for in-person review at Valley Water offices and other nearby libraries
- 45*-day public review and comment period
 - Wednesday, June 30, 2021, to Monday, August 16, 2021*
- **Virtual public meeting will be held via Zoom**
 - Scheduled for **4:30 p.m. on July 21, 2021**

***Comment Period Extended to**

October 15, 2021 at 5:00 PM July 14, 2021 FAHCE AMT Meeting



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F. How to Comment

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- Written comments due **Monday, August 16, 2021, at 5:00 PM**
- **Send written comments to:**

Ryan Heacock, Project Manager
 Santa Clara Valley Water District
 Operations and Maintenance Environmental Support Unit
 5750 Almaden Expressway
 San José, CA 95118-3686
 (408) 265-2600

FAHCE@valleywater.org



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Please include a name, address, contact number, and email address for future correspondence related to this CEQA process.



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Questions/Clarifications



July 14, 2021 FAHCE AMT Meeting

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Santa Clara Valley Water District

File No.: 21-0485

Agenda Date: 9/9/2021

Item No.: 4.2.

COMMITTEE AGENDA MEMORANDUM

Stream Planning and Operations Committee

SUBJECT:

Discuss District and Non-District Programs, Projects and Other Activities that May Affect the FAHCE Settlement Agreement and Implementation.

RECOMMENDATION:

- A. Discuss programs, projects and other activities that may affect the FAHCE Program; and
- B. Provide input on these activities to ensure their consistency with the intent of the FAHCE Settlement Agreement.

SUMMARY:

Staff plans to update the Committee on FAHCE related activities in SPOC meetings. Staff is providing an update on the Large Woody Debris and Gravel Augmentation (LWDGA) Program. The goal of the program is to support restoring and maintaining healthy steelhead trout (*Oncorhynchus mykiss*) populations in Santa Clara County and is a key element (aka Project D4) of the Safe, Clean Water Program (SCW). The LWDGA program helps the stream maintenance program (SMP) to meet its mitigation obligations. The program also addresses key elements of the FAHCE 2003 Settlement Agreement, specifically Sections 6.2.4.3.1 and 6.2.4.3.2, which call for placement of gravel to enhance existing spawning habitat and placement of large organic debris, channel modifications including berms, and riparian canopy enhancement for enhancement of rearing habitat.

The program includes a study of all steelhead streams in the County to identify priority locations for installation of large woody debris (LWD) and gravel augmentation and construction of five such projects (one in each of five watersheds).

In 2018, staff completed and submitted to resource agencies the first phase of LWDGA Study which covered eight streams, including seven streams in FAHCE watershed areas. The second phase of the study is underway and covers the remaining steelhead streams in the County.

Two projects have been constructed thus far within FAHCE watershed areas:

1. Placement of Large Woody Debris on Stevens Creek at Clear Creek Court in Stevens Creek watershed area (completed in 2015).
2. A LWDGA Project on Los Gatos Creek downstream of Highway 17 within the Guadalupe River Watershed area (completed in 2019).

An additional LWDGA Project on a non-FAHCE creek (Uvas Creek) is currently in design phase and

is expected to be constructed in 2022.

ATTACHMENTS:

Attachment 1: PowerPoint

UNCLASSIFIED MANAGER:

John Bourgeois, (408) 314-8859



Large Woody Debris and Gravel Augmentation Study and Implementation

Prepared for Stream Planning Operations Committee Meeting
Presented by: Judy Nam, Senior Water Resources Specialist
September 9, 2021



1

Background

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Safe Clean Water (SCW) Project D4

- KPI 4.4 Conducting Study of All Steelhead Streams
- KPI 4.5 Implementing One per Major Watershed

Coordination with Stream Maintenance Program

- Permitting
- Design Support /Construction

Coordination with Fish and Aquatic Habitat Collaborative Effort (FAHCE)

- Placement of gravel to enhance existing spawning habitat (SA Section 6.4.3.2.1)
- Placement of large organic debris, channel modifications and riparian canopy enhancement for enhancement of rearing habitat(SA Section 6.4.3.2.2)



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Phase 1 Study of Steelhead Streams

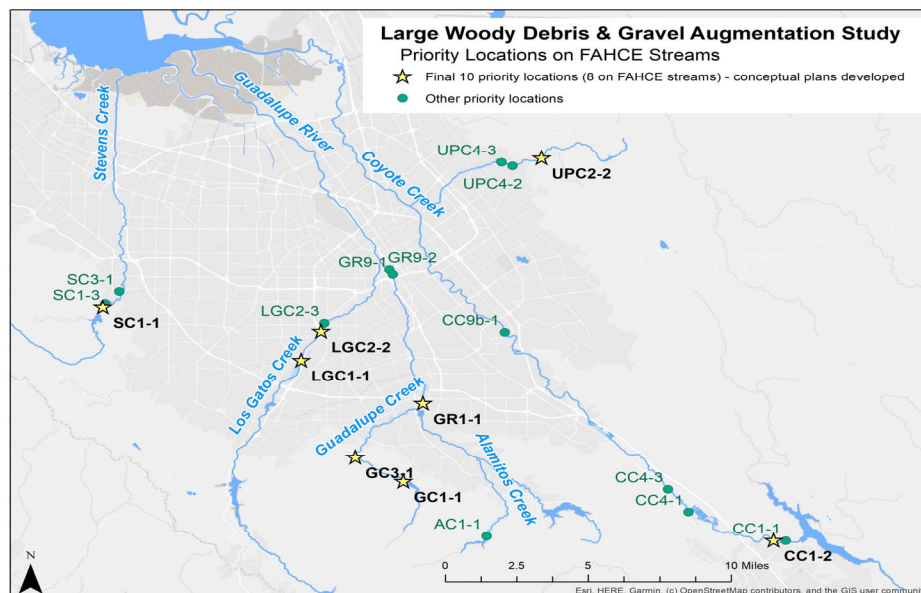
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- 8 Streams including Stevens Creek, Los Gatos Creek, Guadalupe Creek, Alamos Creek, Guadalupe River, Upper Penitencia Creek, Coyote Creek, and Uvas Creek
- Developed Conceptual Level Design for 8 out of 20 high priority locations for fish habitat improvements
- Using Multi-Criteria Decisional Analysis(MCDA) matrix as basis for prioritizing location

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4

Implementation

5

2 Completed Projects:

- Large Woody Debris Place on Stevens Creek at Clear Creek Ct in 2015
- LWDGA Project on Los Gatos Creek completed in 2019

5 Projects to be completed under renewed SCW (FY22-FY36)

- LWDGA Project on Uvas Creek to be construction in 2022
- Collaborating with Anderson Dam Tunnel Project to implement high priority location in Coyote Creek as project mitigation

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Los Gatos Creek LWDGA Project – Gravel Placement

6



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6

Los Gatos Creek LWDGA Project –LWD Placement

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QUESTIONS

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8

UPDATED



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Clean Water • Healthy Environment • Flood Protection



Fish and Aquatic Habitat Collaborative Effort Discuss Prioritization of Phase 1 Nonflow Measures

Prepared for Stream Planning and Operations Committee
September 8, 2021

Presentation Outline

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- A. Committee Work Plan Item
- B. Completed Phase 1 Measures
- C. 5-Year Priorities
- D. 10-Year Priorities
- E. Discussion

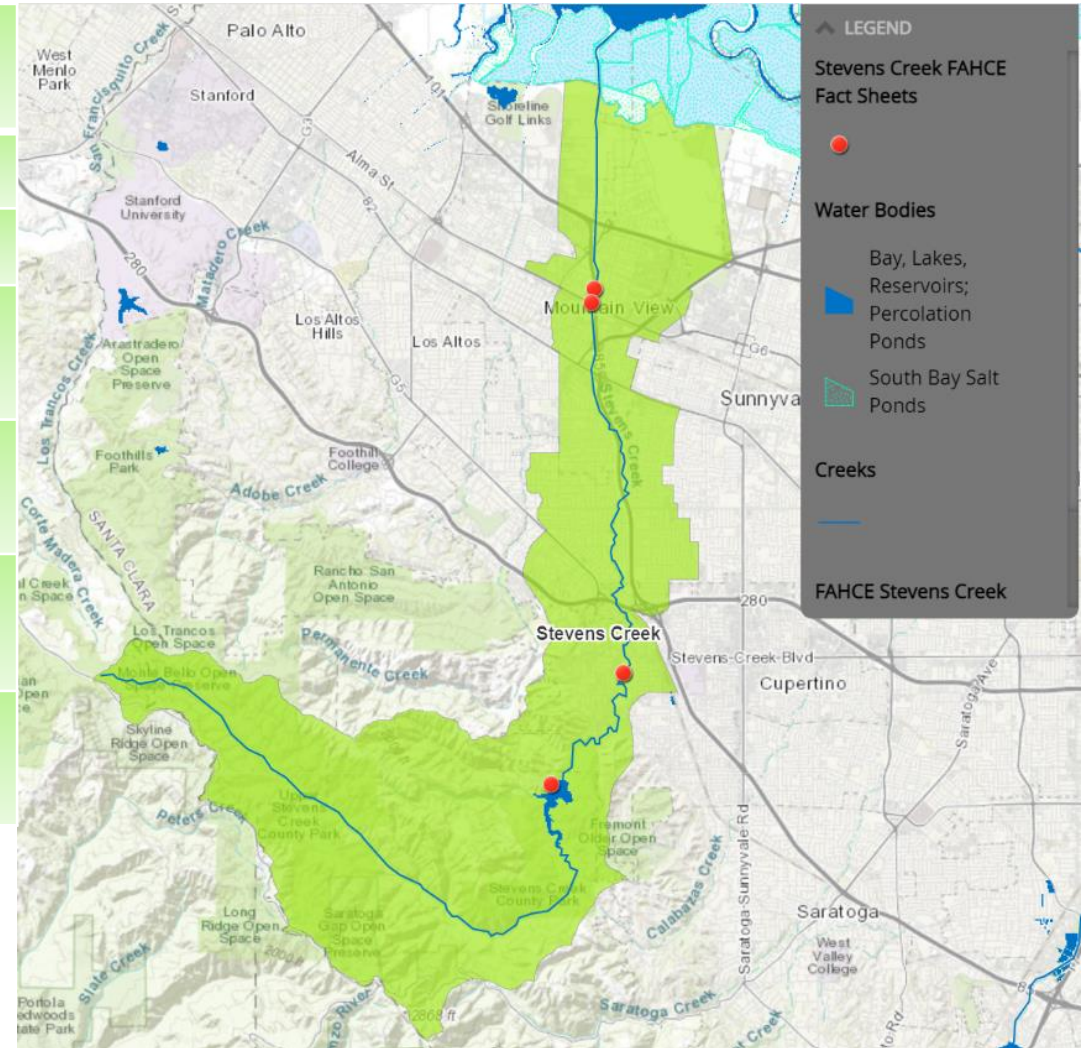
A. Committee Work Plan Item

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Discuss Prioritization of FAHCE Phase 1 Non-Flow Measures in the Guadalupe River and Stevens Creek Watersheds

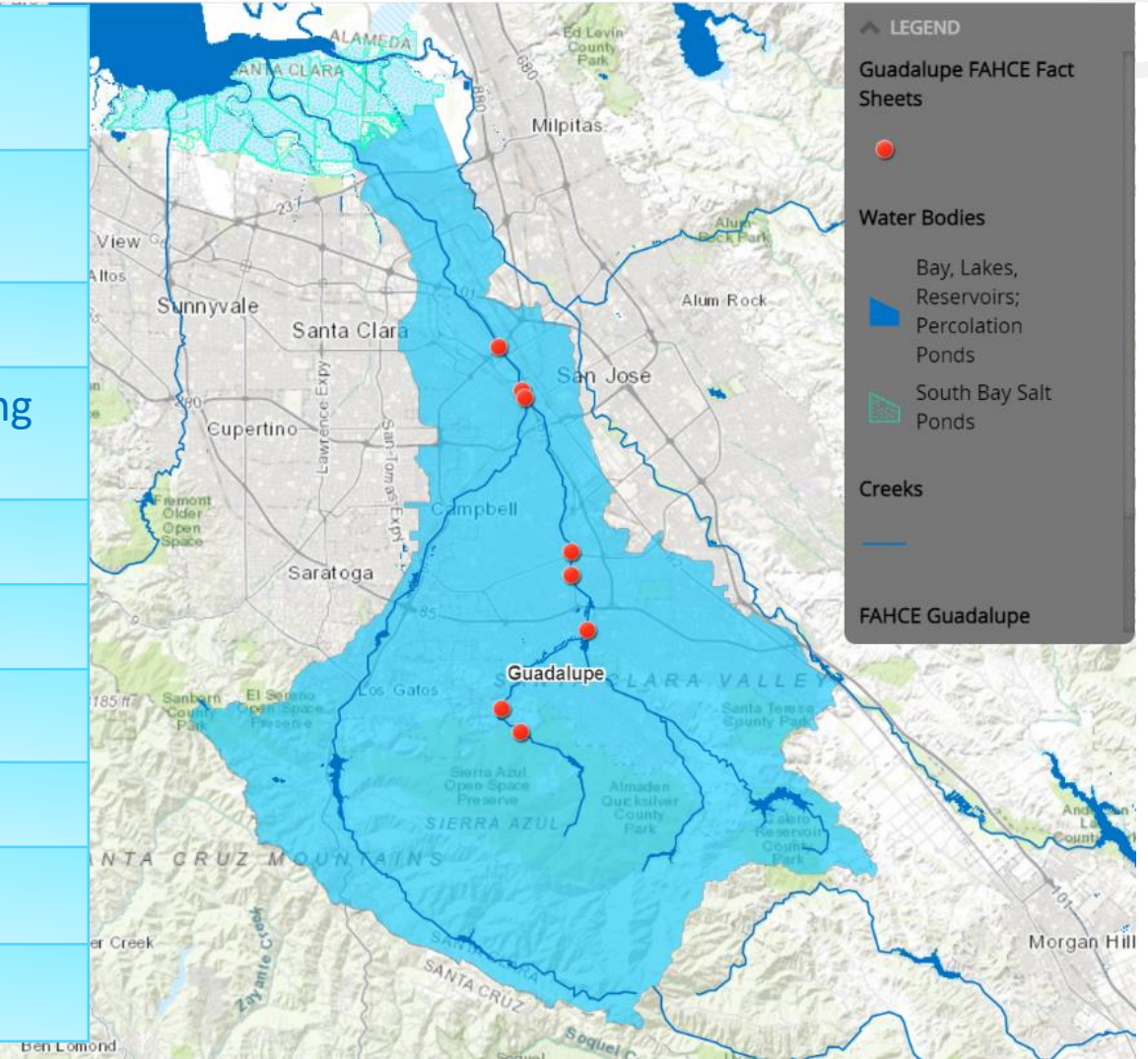
B. Completed Measures in Stevens Creek

SA Reference	Phase 1 Nonflow Measure
6.5.2.2(A)	Stream Gage 35
6.5.2.2(A)	Evelyn Fish Ladder
6.2.4.4.2	Geomorphic Functions Enhancement and Restoration at Blackberry Farms
6.5.2.2 (B)	Fish Barrier Removals at Blackberry Farms Low Flow Road Crossings
6.5.2.2 (B)	Fish Barrier Removal at Blackberry Farms Irrigation Diversion
6.5.2.4	Hypolimnetic Oxygenation System Installation



B. Completed Measures in Guadalupe River

SA Reference	Phase 1 Nonflow Measure
6.6.2.1.1(A)	Alamitos Drop Structure Fish Ladder Installation
6.6.2.1.1(A)	St. John Street Gage Weir Barrier Removal
6.6.2.1.1(B)	San Jose Water Company Low Flow Crossing Barrier Removal
6.6.2.1.1(B)	Hillsdale Avenue Bridge Barrier Removal
6.2.4.2	Masson Diversion Fish Ladder Installation
6.2.4.2	Old Julian Street Bridge Barrier Removal
6.2.4.2	Stream Gage SF 43 Weir Improvement
6.2.4.2	Concrete U-Frame Channel Fish Ladder
6.2.4.2	Highway 880 Weir Retrofit



D. 5-Year Priorities

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	SA Reference	Phase 1 Nonflow Measures
1	6.2.4.2	Continuing Efforts to Improve Fish Passage
2	6.2.4.3.1	Enhance Spawning Habitat
3	6.2.4.3.2	Enhance Rearing Habitat (e.g., large woody debris/gravel augmentation)
4	6.2.4.4.3	Bank Stabilization Guidelines
5	6.5.2.2(A)	Fremont Fish Ladder Remediation
6	6.5.2.2(A)	Moffett Fish Ladder Remediation
7	6.6.2.1.3.3(B)	Alamitos Facilities Plan – Almaden Lake

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E. 10-Year Priorities

	SA Reference	Phase 1 Nonflow Measures
1	6.2.4.2	Continuing Efforts to Improve Fish Passage
8	6.2.4.4.1	Geomorphic Functions Study for Guadalupe watershed
9	6.2.4.5	Advanced Recycled and Other Urban Water Plan
10	6.5.2.3	Portable Multi-port Outlet in Stevens Creek Watershed
11	6.5.2.5	Trap-and-Truck Feasibility Study at Stevens Creek Reservoir
12	6.6.2.1.2.2	Pheasant Creek Culvert (Barrier AAB1; private owner) Old Dam (Barrier DB7; private owner)
13	6.6.2.1.3.2	Alamitos Creek Drop Structure - (Bertram Drop Structure; Barrier CB5; private owner)
14	6.6.2.1.3.3 (A)	Alamitos Facilities Plan – Almaden Dam –Evaluate Alternatives to Provide Unimpeded Passage at the Dam

F. Discussion



Latest on Singleton Road

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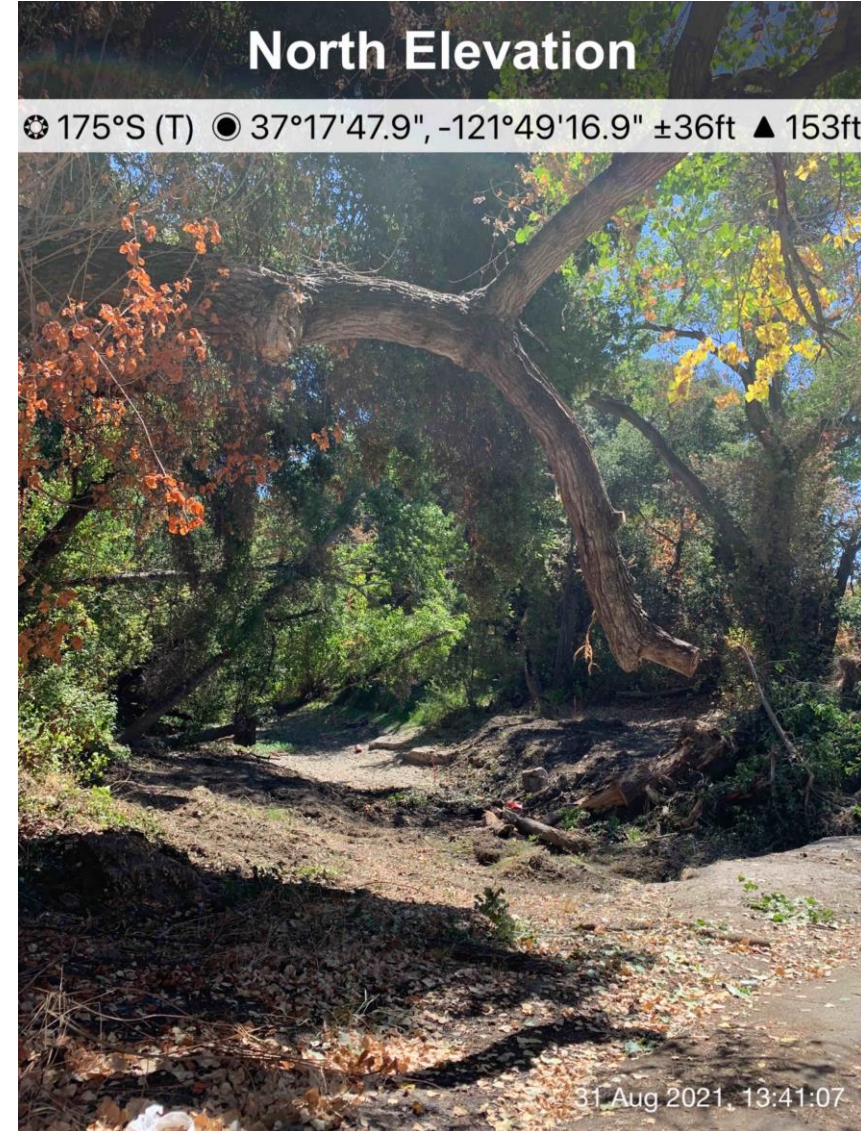
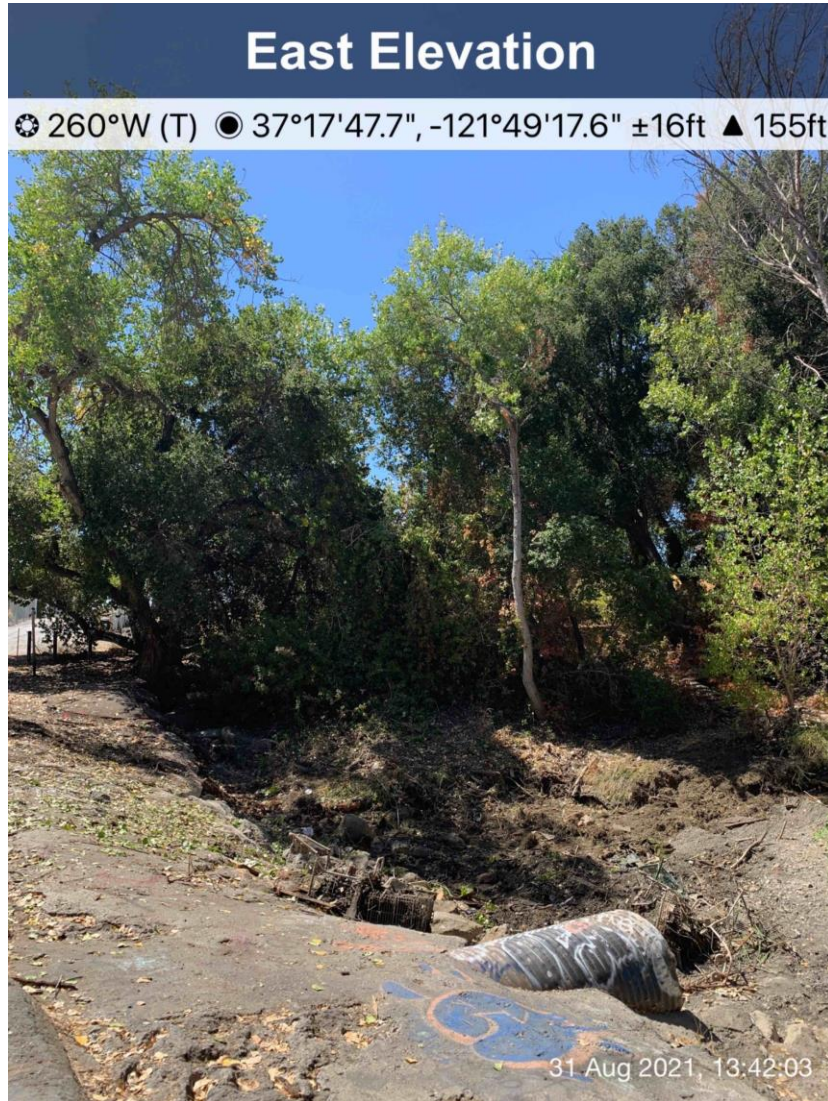


Photo taken
January 31, 2018

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Latest on Singleton Road

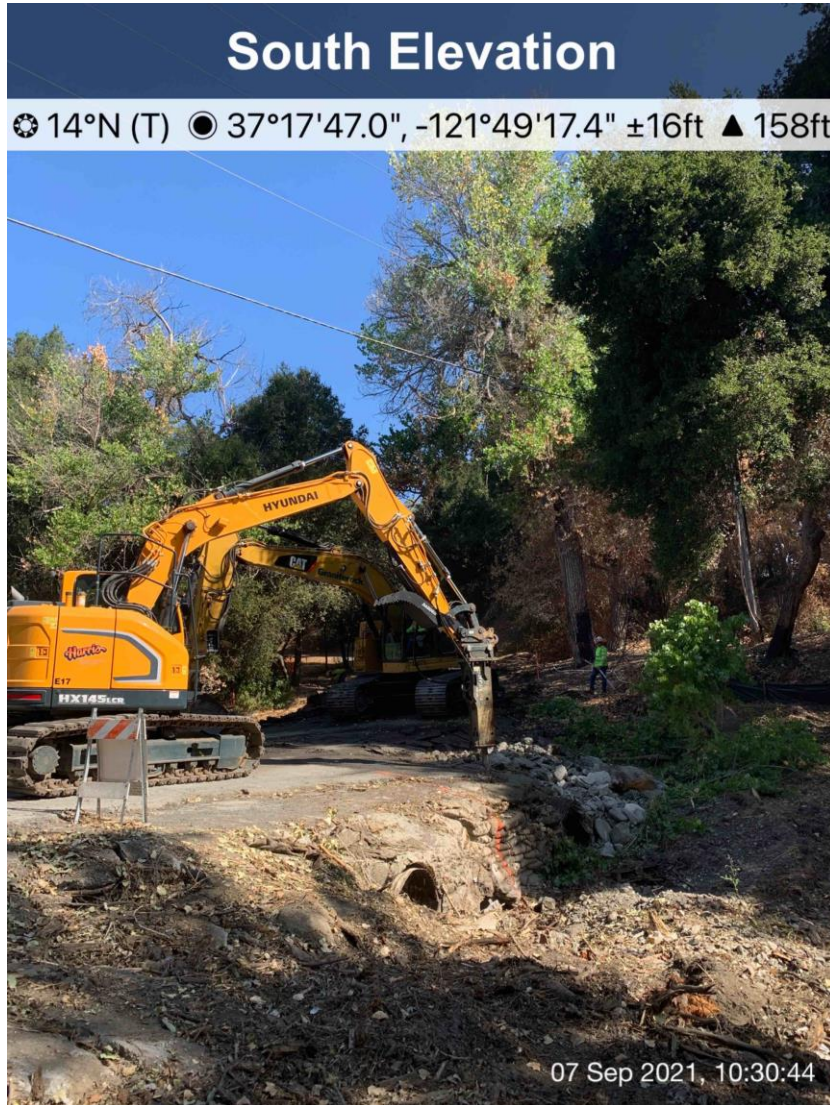
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Latest on Singleton Road

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Santa Clara Valley Water District

File No.: 21-0703

Agenda Date: 9/9/2021
Item No.: 4.3.

COMMITTEE AGENDA MEMORANDUM

Stream Planning and Operations Committee

SUBJECT:

Review Stream Planning and Operations Committee (SPOC) Work Plan, Outcomes of Board Action of Committee Requests, and the Next Meeting Agenda.

RECOMMENDATION:

- A. Review 2021 SPOC work plan, outcomes of Board action of Committee requests, and next meeting agenda; and
- B. Schedule Committee meetings as appropriate.

SUMMARY:

This item allows the SPOC to review its 2021 Work Plan, outcomes of Board action of Committee requests, next meeting agenda, and identify tasks and schedule meetings as appropriate.

ATTACHMENTS:

- Attachment 1: 2021 SPOC Work Plan
- Attachment 2: November 4, 2021 Draft Agenda

UNCLASSIFIED MANAGER:

Michele King, 408-630-2711

2021 Stream Planning and Operations Committee Work Plan

The annual work plan establishes a framework for committee discussion and action during the annual meeting schedule. The committee work plan is a dynamic document, subject to change as external and internal issues impacting the District occur and are recommended for committee discussion. Subsequently, an annual committee accomplishments report is developed based on the work plan and presented to the District Board of Directors.

ITEM	WORK PLAN ITEM BOARD POLICY	MEETING DATE	INTENDED OUTCOME(S) (Action of Information Only)	ACCOMPLISHED DATE AND OUTCOME
1	Election of Chair and Vice Chair for 2021	January	<ul style="list-style-type: none"> Committee Elects Chair and Vice Chair for 2020. (Action) 	Completed 1/14/21 – Keegan elected Chair LeZotte elected Vice Chair
2	Review of Draft Committee Work Plan	January	<ul style="list-style-type: none"> Review draft 2021 Committee Work plan 	Completed 1/14/21 – Approved workplan as presented
3	Review Committee Work Plan, the Outcomes of Board Action of Committee Requests, and the Committee Next Meeting Agenda	March May July September November	<ul style="list-style-type: none"> Receive and review the 2020 Board-approved Committee work plan. (Action) Submit requests to the Board, as appropriate. 	Reviewed 3/11/21 Reviewed 5/13/21 Reviewed 7/8/21
4	Receive updates on FAHCE progress and deliverables	January March May July September November	<ul style="list-style-type: none"> Receive updates on FAHCE activities and progress. 	Update provided 1/14/21 Update provided 3/11/21 Update provided 5/13/21 Update provided 7/8/21
5	Discuss District and Non-District Projects and Other Activities that May Affect the FAHCE Settlement Agreement and Implementation	January March May July September November	<ul style="list-style-type: none"> Receive information on activities affecting the FAHCE Settlement Agreement and Implementation, as needed. Provide input on these activities to ensure their consistency with the intent of the FAHCE Settlement Agreement. (Action) 	Information provided 1/14/21 3/11/21 Update on Singleton Road Interim Project at Coyote Creek 5/13/21 Update on Almaden Lake Project

6	Receive update on Anderson Dam Seismic Retrofit Project and Incorporation of FAHCE Conservation Measures for Coyote Creek	January March July November	<ul style="list-style-type: none"> Receive updates on the incorporation of FAHCE Conservation Measures for the Coyote Creek Watershed by the Anderson Dam Seismic Retrofit Project. (Information) 	Update provided 1/14/21 Update provided 3/11/21 Update provided 7/8/21
7	Receive FAHCE Draft EIR	July	<ul style="list-style-type: none"> Receive the FAHCE Draft EIR, when completed. (Information) <i>Draft EIR provided to SPOC members in June when made available to the public</i> 	Update and Discussion on Draft EIR was conducted on 7/8/21. Committee requested that comment themes be presented to the Committee in September.
8	Discuss Prioritization of FAHCE Phase 1 Non-Flow Measures in the Guadalupe River and Stevens Creek Watersheds	September	<ul style="list-style-type: none"> Receive information on prioritization of the Phase 1 non-flow measures in the Guadalupe River and Stevens Creek Watersheds. Provide input on prioritization of Phase 1 non-flow measures for consideration of the Initialing Parties. (Action) 	
9	Receive updates on consultant contracts for FAHCE	May September	<ul style="list-style-type: none"> Receive updates on FAHCE contracts requiring Board Approval. 	Update on FAHCE Contracts provided 5/13/21
10	Receive Updates on Discussions with the FAHCE Adaptive Management Team	March September	<ul style="list-style-type: none"> Receive updates on key discussions and decisions made by the FAHCE Adaptive Management Team. (Information) 	Update provided 3/11/21
11	Field Tour	September TBD	<ul style="list-style-type: none"> Attend an annual field tour of a FAHCE or FAHCE related site; invite public 	
12	FAHCE Draft EIR	November	<ul style="list-style-type: none"> Review comment themes submitted during public comment period. 	



Santa Clara Valley Water District Stream Planning & Operations Committee Meeting

5700 Almaden Expressway
San Jose, CA 95118

REGULAR MEETING AGENDA

Thursday, November 4, 2021
12:00 PM

District Mission: Provide Silicon Valley safe, clean water for a healthy life, environment and economy.

SPOC COMMITTEE

Barbara Keegan - District 2
Linda J. LeZotte - District 4
Tony Estremera - District 6

During the COVID-19 restrictions, all public records relating to an open session item on this agenda, which are not exempt from disclosure pursuant to the California Public Records Act, that are distributed to a majority of the legislative body, will be available to the public through the legislative body agenda web page at the same time that the public records are distributed or made available to the legislative body. Santa Clara Valley Water District will make reasonable efforts to accommodate persons with disabilities wishing to participate in the legislative body's meeting. Please advise the Clerk of the Board Office of any special needs by calling (408) 265-2600.

Note: The finalized Board Agenda, exception items and supplemental items will be posted prior to the meeting in accordance with the Brown Act.

**Santa Clara Valley Water District
Stream Planning & Operations Committee**

**REGULAR MEETING
AGENDA**

Thursday, November 4, 2021

12:00 PM

IMPORTANT NOTICES

This meeting is being held in accordance with the Brown Act as currently in effect under the State Emergency Services Act, the Governor’s Emergency Declaration related to COVID-19, and the Governor’s Executive Order N-08-21 issued on June 11, 2021, that allows attendance by members of the Committee, staff, and the public to participate and conduct the meeting by teleconference, videoconference, or both.

Members of the public wishing to address the Committee during a video conferenced meeting on an item not listed on the agenda, or any item listed on the agenda, should use the “Raise Hand” tool located in Zoom meeting link listed on the agenda. Speakers will be acknowledged by the Committee Chair in the order requests are received and granted speaking access to address the Committee.

Santa Clara Valley Water District (Valley Water) in complying with the Americans with Disabilities Act (ADA), requests individuals who require special accommodations to access and/or participate in Valley Water Committee meetings to please contact the Clerk of the Board’s office at (408) 630-2711, at least 3 business days before the scheduled meeting to ensure that Valley Water may assist you.

This agenda has been prepared as required by the applicable laws of the State of California, including but not limited to, Government Code Sections 54950 et. seq. and has not been prepared with a view to informing an investment decision in any of Valley Water’s bonds, notes or other obligations. Any projections, plans or other forward-looking statements included in the information in this agenda are subject to a variety of uncertainties that could cause any actual plans or results to differ materially from any such statement. The information herein is not intended to be used by investors or potential investors in considering the purchase or sale of Valley Water’s bonds, notes or other obligations and investors and potential investors should rely only on information filed by Valley Water on the Municipal Securities Rulemaking Board’s Electronic Municipal Market Access System for municipal securities disclosures and Valley Water’s Investor Relations website, maintained on the World Wide Web at <https://emma.msrb.org/> and <https://www.valleywater.org/how-we-operate/financebudget/investor-relations>, respectively.

Under the Brown Act, members of the public are not required to provide identifying information in order to attend public meetings. Through the link below, the Zoom webinar program requests entry of a name and email address, and Valley Water is unable to modify this requirement. Members of the public not wishing to provide such identifying information are encouraged to enter "Anonymous" or some other reference under name and to enter a fictional email address (e.g., attendee@valleywater.org) in lieu of their actual address. Inputting such values will not impact your ability to access the meeting through Zoom.

Join Zoom Meeting:
<https://valleywater.zoom.us/j/XXXXXXXXXXXX>
Meeting ID: XXX XXXX XXXX
Join by Phone:
1 (669) 900-9128, XXXXXXXXXXXX#

1. CALL TO ORDER:

1.1. Roll Call.

2. TIME OPEN FOR PUBLIC COMMENT ON ANY ITEM NOT ON THE AGENDA.

Notice to the Public: Members of the public who wish to address the Committee on any item not listed on the agenda should access the "Raise Hand" tool located in Zoom meeting link listed on the agenda. Speakers will be acknowledged by the Committee Chair in order requests are received and granted speaking access to address the Committee. Speakers comments should be limited to three minutes or as set by the Chair. The law does not permit Committee action on, or extended discussion of, any item not on the agenda except under special circumstances. If Committee action is requested, the matter may be placed on a future agenda. All comments that require a response will be referred to staff for a reply in writing. The Committee may take action on any item of business appearing on the posted agenda.

3. APPROVAL OF MINUTES:

3.1. Approval of Minutes.

21-0885

Recommendation: Approve the September 9, 2021 Stream Planning and Operations Committee (SPOC) minutes.

Manager: Michele King 408-630-2711

4. INFORMATION AND ACTION ITEMS:

- 4.1. Receive Updates on Fish and Aquatic Habitat Collaborative Effort (FAHCE) Progress and Deliverables. **21-0886**

Recommendation: 1. Receive updates on the FAHCE progress and deliverables
2. Receive updates on the Adaptive Management Program
3. Discuss the prioritization of FAHCE Phase 1 non-flow measures in the Guadalupe River and Stevens Creek watersheds
4. Receive updates on contract status

Manager: John Bourgeois, 408-630-2990 or 408-314-8859.

Attachments: FAHCE AMP Update
FAHCE Prioritization

- 4.2. Discuss District and Non-District Projects and Other Activities that May Affect the FAHCE Settlement Agreement and Implementation. **21-0887**

Recommendation: A. Receive information on activities affecting the FAHCE Settlement Agreement and Implementation, as needed; and
B. Provide input on these activities to ensure their consistency with the intent of the FAHCE Settlement Agreement.

- 4.3. Receive update on Anderson Dam Seismic Retrofit Project and Incorporation of FAHCE Conservation Measures for Coyote Creek. **21-0888**

Recommendation: Receive updates on the incorporation of FAHCE Conservation Measures for the Coyote Creek Watershed by the Anderson Dam Seismic Retrofit Project.

Manager: Christopher Hakes, 408-630-3796

Attachments: Attachment 1: Memo Approving ADTP Construction Contract Cont
Attachment 2: Memo Approving Agreement with AECOM

- 4.4. Review Stream Planning and Operations Committee (SPOC) Work Plan, Outcomes of Board Action of Committee Requests, and the Next Meeting Agenda. **21-0884**

Recommendation: A. Review 2021 SPOC work plan, outcomes of Board action of Committee requests, and next meeting agenda; and
B. Schedule Committee meetings as appropriate.

Manager: Michele King, 408-630-2711

5. CLERK REVIEW AND CLARIFICATION OF COMMITTEE REQUESTS.

This is an opportunity for the Clerk to review and obtain clarification on any formally moved, seconded, and approved requests and recommendations made by the Committee during the meeting.

6. ADJOURN:

- 6.1. Adjourn to Regular Meeting at XX:XX a.m./p.m., on XXXX, XX, 2021, to be called to order in compliance with the State Emergency Services Act, the Governor's Emergency Declaration related to COVID-19, and the Governor's Executive Order N-08-21.