



Santa Clara Valley Water District Capital Improvement Program Committee

HQ. Bldg. Boardroom, 5700 Almaden Expressway, San Jose, California
Join Zoom Meeting: <https://valleywater.zoom.us/j/94158013374>

REGULAR MEETING AGENDA

**Monday, May 18, 2026
11:00 AM**

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

BOARD COMMITTEE MEMBERS:

Committee Chair:
Director Nai Hsueh, District 5
Committee Vice Chair:
Director Jim Beall, District 4
Committee Member:
Director Tony Estremera, District 6

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) 630-2277.

COMMITTEE LIAISON:
Jessica Collins

Dave Leon (COB Liaison)
Asst. Deputy Clerk II
DaveLeon@valleywater.org
1-408-630-2006

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
Capital Improvement Program Committee
REGULAR MEETING
AGENDA

Monday, May 18, 2026

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Expressway, San Jose, California

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*****IMPORTANT NOTICES AND PARTICIPATION INSTRUCTIONS*****

Santa Clara Valley Water District (Valley Water) Board of Directors/Board Committee meetings are held as a “hybrid” meetings, conducted in-person as well as by telecommunication, and is compliant with the provisions of the Ralph M. Brown Act.

To maximize public safety while still maintaining transparency and public access, members of the public have an option to participate by teleconference/video conference or attend in-person. To observe and participate in the meeting by teleconference/video conference, please see the meeting link located at the top of the agenda. If attending in-person, you are required to comply with Ordinance 22-03 - AN ORDINANCE OF THE SANTA CLARA VALLEY WATER DISTRICT SPECIFYING RULES OF DECORUM FOR PARTICIPATION IN BOARD AND COMMITTEE MEETINGS located at <https://s3.us-west-2.amazonaws.com/valleywater.org.if-us-west-2/f2-live/s3fs-public/Ord.pdf>

In accordance with the requirements of Gov. Code Section 54954.3(a), members of the public wishing to address the Board/Committee during public comment or on any item listed on the agenda, may do so by filling out a Speaker Card and submitting it to the Clerk or using the “Raise Hand” tool located in the Zoom meeting application to identify yourself in order to speak, at the time the item is called. Speakers will be acknowledged by the Board/Committee Chair in the order requests are received and granted speaking access to address the Board.

- Members of the Public may test their connection to Zoom Meetings at: <https://zoom.us/test>
- Members of the Public are encouraged to review our overview on joining Valley Water Board Meetings at: <https://www.youtube.com/watch?v=TojJpYCxXm0>

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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

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Join Zoom Meeting:
<https://valleywater.zoom.us/j/94158013374>
Meeting ID: 941 5801 3374
Join by Phone:
1 (669) 900-9128, 94158013374#

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 Board/Committee on matters not listed on the agenda may do so by completing a Speaker Card and submitting it to the Clerk, or by using the "Raise Hand" feature within the Zoom meeting application to request recognition. Speakers will be acknowledged by the Board/Committee Chair in the order requests are received and, when recognized, will be granted speaking access to address the Board/Committee.

Public comments shall be limited to three (3) minutes per speaker, or such other time as determined by the Chair. State law does not permit the Board/Committee to take action on, or engage in extended discussion of, any item not appearing on the posted agenda, except as otherwise authorized under applicable law. If Board/Committee action is requested, the matter may be scheduled for consideration at a future meeting.

All public comments requiring a response will be referred to staff for a written reply. The Board/Committee may take action on any item of business appearing on the posted agenda.

3. APPROVAL OF MINUTES:

- 3.1. Approval of April 20, 2026 Capital Improvement Program Committee Minutes. [26-0493](#)
Recommendation: Approve the minutes.
Manager: Wendy Ho, 408-630-3874
Attachments: [Attachment 1: 04202026 CIP Committee Minutes](#)
Est. Staff Time: 5 Minutes

4. REGULAR AGENDA:

- 4.1. Receive Information on the Staff Recommended Alternative for Calabazas and San Tomas Aquino Creek-Marsh Connection Project, Project No. 20444001. [25-0551](#)
Recommendation: Receive Information on the Staff Recommended Alternative for Calabazas and San Tomas Aquino Creek-Marsh Connection Project, Project No. 20444001.
Manager: Lisa Bankosh, 408-630-2618
Attachments: [Attachment 1: PowerPoint](#)
Est. Staff Time: 30 Minutes
- 4.2. Receive and Discuss Information Regarding the Status of Capital Projects in the Design and Permitting Phase. [26-0388](#)
Recommendation: Receive and discuss information regarding the status of capital projects in the design and permitting phase.
Manager: Bhavani Yerrapotu, 408-630-2735
Emmanuel Aryee, 408-630-3074
Ryan McCarter, 408-630-2983
Lisa Bankosh, 408-630-2618
Tony Ndah, 408-630-2208
Attachments: [Attachment 1: Design and Permitting Report](#)
Est. Staff Time: 10 Minutes
- 4.3. Receive Information on Change Orders to Anderson Dam Tunnel Project Construction Contract. [26-0391](#)
Recommendation: Receive information on change orders to Anderson Dam Tunnel Project Construction Contract.
Manager: Ryan McCarter, 408-630-2983
Attachments: [Attachment A: Government Code § 84308: Flatiron Dragados](#)
[Attachment 1: Construction Contract Change Orders Status](#)
[Attachment 2: Construction Contract Financial Status](#)
Est. Staff Time: 5 Minutes

- 4.4. Receive and Discuss Information Regarding the Anderson Dam Seismic Retrofit Project Proposed Contingency Fund and Delegated Authority Levels for Contract Change Orders. [26-0419](#)

Recommendation: Receive and discuss information regarding the Anderson Dam Seismic Retrofit Project proposed contingency fund and delegated authority levels for contract change orders.

Manager: Ryan McCarter, 408-630-2983

Est. Staff Time: 5 Minutes

- 4.5. Receive Information on Upcoming Consultant Agreement Amendments for Capital Projects. [26-0440](#)

Recommendation: Receive information on upcoming consultant agreement amendments for capital projects.

Manager: Ryan McCarter, 408-630-2983

Attachments: [Attachment A: Government Code § 84308](#)

Est. Staff Time: 5 Minutes

- 4.6. Review 2026 Capital Improvement Program Committee Work Plan. [26-0392](#)

Recommendation: Review the 2026 Capital Improvement Program Committee Work Plan and make adjustments as necessary.

Manager: Wendy Ho, 408-630-3874

Attachments: [Attachment 1: 2026 CIP Committee Work Plan](#)

Est. Staff Time: 5 Minutes

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. The Next Regular Meeting is Scheduled at 11:00 a.m. on June 15, 2026.



Santa Clara Valley Water District

File No.: 26-0493

Agenda Date: 5/18/2026
Item No.: 3.1.

COMMITTEE AGENDA MEMORANDUM **Capital Improvement Program Committee**

Government Code § 84308 Applies: Yes ☐ No ☒
(If "YES" Complete Attachment A - Gov. Code § 84308)

SUBJECT:

Approval of April 20, 2026 Capital Improvement Program Committee Minutes.

RECOMMENDATION:

Approve the minutes.

SUMMARY:

In accordance with the Ralph M. Brown Act, a summary of Committee discussions, and details of all actions taken by the Capital Improvement Program Committee, during all open and public Committee meetings, is transcribed and submitted to the Committee for review and approval.

Upon Committee approval, minutes transcripts are finalized and entered into the Committee's historical record archives and serve as the official historical record of the Committee's meeting.

ENVIRONMENTAL JUSTICE IMPACT:

There are no Environmental Justice impacts associated with this item.

ATTACHMENTS:

Attachment 1: 04202026 CIP Committee Minutes

UNCLASSIFIED MANAGER:

Wendy Ho, 408-630-3874



CAPITAL IMPROVEMENT COMMITTEE MEETING

DRAFT MINUTES

REGULAR MEETING

**MONDAY, April 20, 2026
2:00 PM**

(Paragraph numbers coincide with agenda item numbers)

1. CALL TO ORDER:

A regular meeting of the Santa Clara Valley Water District (Valley Water) Capital Improvement Committee (Committee) was called to order in the Valley Water Headquarters Building Boardroom at 5700 Almaden Expressway, San Jose, California, and by Zoom teleconference, at 2:02 p.m.

1.1 Roll Call.

Committee members in attendance were District 6 Director Tony Estremera and District 5 Director Nai Hsueh, Chairperson presiding, constituting a quorum of the Committee. District 4 Director Jim Beall, Vice Chairperson, arrived as noted below.

Staff members in attendance were: Emmanuel Aryee, Aaron Baker, Erin Baker, Lisa Bankosh, Audrey Beaman, Sarah Berning, Mark Bilski, Sam Bogale, John Bourgeois, Chris Cannard, Rita Chan, Theresa Chinte, Jen Codianne, Jessica Collins, Enrique De Anda, Andrew Garcia, Chris Hakes, Wendy Ho, Linh Hoang, Candice Kwok-Smith, Linn Latt, Dave Leon, Ryan McCarter, Nicole Merritt, Tony Ndah, Julianne O'Brien, Carlos Orellana, Luz Penilla, Alison Phagan, Paola Reyes, Amandeep Saini, Kirsten Struve, Charlene Sun, Darin Taylor, and Tina Yoke.

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

Chairperson Hsueh declared time open for public comment on any item not on the agenda. There was no one who wished to speak.

3. APPROVAL OF MINUTES:

3.1. Approval of March 16, 2026 Capital Improvement Program Committee Meeting Minutes.

Recommendation: Approve the minutes.

Public Comments: None.

It was moved by Director Estremera, seconded by Chairperson Hsueh, and unanimously carried to approve the minutes as submitted.

Chairperson Hsueh moved the agenda to item 4.2.

4. REGULAR AGENDA:

4.2. Receive and Discuss Information Regarding the Status of Capital Projects in the Feasibility and Planning Phase.

Recommendation: Receive and discuss information regarding the status of capital projects in the feasibility and planning phase.

Director Beall arrived at 2:11 p.m.

Andrew Garcia, Kirsten Struve, Luz Penilla, Emmanuel Aryee, Bhavani Yerrapotu, Lisa Bankosh, and Tony Ndah reviewed the information on this item, per the attached Committee Agenda Memo, and the corresponding presentation materials contained in Attachment 1 were reviewed by staff per the row and Deputy's initials as follows: Andrew Garcia reviewed rows marked AG, Kirsten Struve reviewed rows marked KS, Luz Penilla reviewed rows marked LP, Emmanuel Aryee reviewed rows marked EA, Bhavani Yerrapotu reviewed rows marked BY, Lisa Bankosh reviewed rows marked LB, and Tony Ndah reviewed rows marked TN. Andrew Garcia, Kirsten Struve, Luz Penilla, Emmanuel Aryee, Bhavani Yerrapotu, Lisa Bankosh, Tony Ndah, and Aaron Baker were available to answer questions.

Public Comments: None.

Discussion ensued relating to inactive canals and maintenance on canals still in use, and the different phases of the Security Upgrades and Enhancements project, including replacement of the video camera management system.

The Committee received the information and took no formal action.

Chairperson Hsueh moved the agenda to item 4.1.

- 4.1. Receive an Update on the Implementation Strategy for Guadalupe River - Upper, Interstate 280 to Blossom Hill Road, Flood Protection Project, Project No. 26154003.

Recommendation: Receive an Update on the Implementation Strategy for Guadalupe River - Upper, Interstate 280 to Blossom Hill Road, Flood Protection Project, Project No. 26154003.

Erin Baker and Paola Reyes reviewed the information on this item, per the attached Committee Agenda Memo, and the corresponding presentation materials contained in Attachment 1. Erin Baker, Paola Reyes, and Chris Hakes were available to answer questions.

Public comments: None.

Discussion ensued relating to timelines and costs of smaller scope projects, timelines for the Army Corps of Engineers, phases of smaller scope projects, obtaining approvals from the Army Corps of Engineers, enlisting the Valley Water government delegation to lobby for funding, and seeking funding at the State level.

The Committee received the information and took no formal action.

Chairperson Hsueh moved the agenda to item 4.3.

- 4.3. Receive Information on Change Orders to Anderson Dam Tunnel Project Construction Contract.

Recommendation: Receive information on Change Orders to Anderson Dam Tunnel Project Construction Contract.

Ryan McCarter reviewed the information on this item, per the attached Committee Agenda Memo, and the corresponding presentation materials contained in Attachments 1 and 2 and was available to answer questions.

Public Comments: None.

Discussion ensued relating to potential impacts to the project resulting from a lawsuit against Graniterock and whether work at the quarry will cease as a result of the lawsuit. Further discussion ensued relating to project costs and money left within the contingency fund.

The Committee received the information and took no formal action.

4.4. Review 2026 Capital Improvement Program Committee Work Plan.

Recommendation:

Review the 2026 Capital Improvement Program Committee Work Plan and make adjustments as necessary.

The Committee considered this item without a staff presentation.

Public Comments: None.

Chairperson Hsueh noted that the Calabazas San Tomas Aquino Creek Staff Recommended Alternative item will be presented at the June Committee meeting, and that an item relating to the Anderson Dam Construction Contract Authority will be presented at the May Committee meeting. Director Beall requested that staff include information in the Ogier Ponds Planning Study report in June relating to opportunities to expand the ponds and other government entities that own land around the ponds.

The Committee received the information and took no formal action.

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.

The Committee took no action.

6. ADJOURN:

6.1. Adjourn.

Chairperson Hsueh adjourned the meeting at 2:55 p.m.

Dave Leon
Assistant Deputy Clerk II

Date Approved:



Santa Clara Valley Water District

File No.: 25-0551

Agenda Date: 5/18/2026

Item No.: 4.1.

COMMITTEE AGENDA MEMORANDUM **Capital Improvement Program Committee**

Government Code § 84308 Applies: Yes ☐ No ☒
(If "YES" Complete Attachment A - Gov. Code § 84308)

SUBJECT:

Receive Information on the Staff Recommended Alternative for Calabazas and San Tomas Aquino Creek-Marsh Connection Project, Project No. 20444001.

RECOMMENDATION:

Receive Information on the Staff Recommended Alternative for Calabazas and San Tomas Aquino Creek-Marsh Connection Project, Project No. 20444001.

SUMMARY:

Once constructed, the Calabazas and San Tomas Aquino Creek-Marsh Connection Project (Project) will create up to 1,800 acres of wetland within the former A4 and A8 complex salt ponds. For the Project to proceed with the construction phase, funding will need to be identified and secured. The Project is part of the larger South Bay Salt Pond Restoration Project (SBSPRP) and is a partnership between Valley Water and the Don Edwards San Francisco Bay National Wildlife Refuge. The planning and design phases of the project are included in the Capital Improvement Program Five-Year Plan. With funding from the Watersheds Stream Stewardship Fund (Fund 12) and funding from the Environmental Protection Agency (EPA) San Francisco Bay Water Quality Improvement Fund (SFBWQIF), San Francisco Bay Restoration Authority (SFBRA) Measure AA, and the California Department of Fish and Wildlife (CDFW) Proposition 1 (Prop 1) Grant, Valley Water has completed a Planning Study for the Project, which identifies and compares feasible alternatives and recommends a preferred alternative. This memo summarizes the Planning Study and Staff Recommended Alternative.

Background

Historic channelization and other modifications to lower Calabazas and San Tomas Aquino Creeks have disrupted natural sediment transport to the Bay. The transition from managed salt ponds to open water habitat in the adjacent Pond A8 complex presented an opportunity to restore natural tidal and fluvial processes that deposit sediment and form marsh over time. A landscape visioning effort

between Valley Water, the San Francisco Estuary Institute, and SBSRP developed the project concept in 2018, and Valley Water completed a Feasibility Report in 2021. At the April 27, 2021 Board meeting, staff presented the Project scope, which included a preliminary evaluation of Project feasibility. The Project scoping identified three primary objectives: ecological restoration, resilient flood protection through sediment delivery to support marsh formation, and reduced long-term creek maintenance. Three broad implementation options were developed with estimated planning, design, permitting, and construction costs ranging from \$6 million to \$25 million, and the Board authorized proceeding with a Planning Study to refine alternatives and identify a staff-recommended option. Then, in 2023, the Board approved expanding the Project area to include the Valley Water-owned Pond A4. This expansion increased planning phase costs and duration. Valley Water secured funding for the Planning Study through the following grants:

- SFBRA Measure AA - \$3.37 million
- CDFW Prop 1 - \$0.5 million
- EPA SFBWQIF - \$3.8 million

These funds supported consultant contracts for planning, modeling, and related efforts.

Planning Process

Development of the Planning Study Report was guided by the primary objective: to ecologically restore and enhance the tidal and freshwater marsh and river habitat in the project area. Secondary objectives and/or incidental benefits include sea-level rise resiliency, reduced maintenance in lower Calabazas and San Tomas Aquino Creeks, and public access to the Bay to the maximum extent feasible consistent with the project. A series of public meetings were held to gather input on the Project objectives and alternatives. On May 16, 2023, staff presented conceptual alternatives to the community and on October 24, 2023, a stakeholder meeting was held to gather input on public access features and impacts associated with the Project. A systematic alternatives assessment methodology was then developed through extensive coordination with project partners and regulatory agencies, and focused stakeholder meetings. This structured screening and ranking methodology was used to evaluate restoration designs (including number and location of berm breaches, island habitat features, and active vs. passive creek realignment) against the Project objectives. Hydrodynamic modelling was used to simulate the effects of different breaching scenarios on sediment transport, marsh accretion, and water quality. On May 15, 2024, a public meeting was held to present the results of the feasible alternatives analysis and the preliminary Staff Recommended Alternative (SRA) and gather feedback from the community. Additional modelling was then conducted to assess rates of marsh accretion, flood risk, and water quality changes associated with the preliminary SRA under a range of future scenarios. Extensive water quality, habitat, and species surveys were conducted to establish a baseline for adaptive monitoring efforts and inform the environmental review and permitting process.

Staff Recommended Alternative

Based on the detailed feasible alternatives analysis, Alternative 6 (Creek Reconnection, Alviso Slough and Pond A4 Breaches) resulted in rapid marsh formation, improved water quality, and

reduced creek maintenance in the most cost-effective manner. Key features of this alternative include:

- Connecting Calabazas and San Tomas Aquino Creeks to the A8 Ponds by breaching the inner Pond A8 berm and blocking flows to Guadalupe Slough (does not actively realign San Tomas Aquino Creek).
- Restoring tidal action to the Pond A8 complex through three breaches of the outer levee and removal of the existing water control structure.
- Connecting Sunnyvale East Channel to Pond A4.
- Restoring tidal action to Pond A4 through one breach to Guadalupe Slough.
- Building a vegetated ecotone on the southern edge of Ponds A4 and A8.
- Construction of a one-mile segment of the San Francisco Bay Trail in partnership with the City of San Jose
- Reducing costs by eliminating habitat islands and using passive restoration techniques.

Flood Risk

The Project was designed to reduce flood risk in San Tomas Aquino and Calabazas Creeks by increasing flow velocities and reducing sediment accumulation in the creeks at the 90-degree choke point. In addition, the 1,800 acres of restored tidal marsh act as a natural buffer that can grow vertically by trapping sediment, helping the shoreline keep pace with rising sea levels. The Project creates ecotones, gradual slopes which further buffer the shoreline by allowing marsh habitat to migrate upslope as water levels rise.

Wetland accretion and tidal circulation modeling was used to assess changes in coastal and fluvial floodplains (Calabazas Creek, San Tomas Aquino Creek, and the Guadalupe River) and water levels that result from the Project. Modeling indicates that the increased tidal marsh coupled with the increased tidal storage provided by the pond berm breaches will reduce flood risk or have it remain unchanged across most of the project area. In general, water levels along creeks are expected to be lower and extreme high tide water levels are expected to be lower through most of the project impact area. However, modeling indicated that increased water levels in Pond A4 (which is currently managed to remain at a low water level) may undermine the stability of and/or overtop portions of Pond A4 berm during the 100-year coastal storm event when coupled with a 10-year fluvial flood event. Flood risk reduction measures at Pond A4 will be partially implemented as part of the Sunnyvale East/West Channels Flood Protection Project, and Valley Water will evaluate additional potential measures to be included in the Project during the Design Phase.

Water Quality

Previous restoration actions associated with the South Bay Salt Pond Restoration Project between 2011 and 2017 demonstrated that changes in tidal connectivity can mobilize legacy sediment associated mercury, leading to short term increases in methylmercury in water and biota. To better understand this risk and project impacts during the post-construction monitoring phase, Valley Water studied current water quality and mercury sedimentation and mobilization conditions in the ponds and sloughs. The study found that mercury was primarily found in sediments, while methylmercury was

predominantly dissolved in the water. Additionally, there was significant bioaccumulation of methylmercury in fish.

Project-related short-term increases in turbidity and suspended sediment concentrations in Study Area ponds and sloughs are expected to temporarily increase total mercury and methylmercury concentrations in the water column and subsequently increase the potential for methylmercury uptake in algae, invertebrates, and fish. In the long term, the improved tidal exchange is expected to reduce methylmercury production, and the enhanced sediment deposition is expected to bury the legacy mercury in the ponds. This could improve the bioaccumulation of methylmercury. In addition, improved tidal exchanges should address other water quality concerns, such as reducing algae production and salinity.

Next Steps

Following the Committee's input, staff will finalize the Planning Study Report in June 2026. Project design is expected to begin in July 2026 and will be partially funded by existing grants. Staff will continue to seek grant funding to complete the design and construction of the Project.

ENVIRONMENTAL JUSTICE IMPACT:

The project will benefit surrounding communities, including the Alviso community, by providing habitat restoration, resilient flood protection, reducing invasive creek maintenance activities, and enhancing public access and recreational opportunities.

ATTACHMENTS:

Attachment 1: PowerPoint

UNCLASSIFIED MANAGER:

Lisa Bankosh, 408-630-2618

Calabazas/San Tomas Aquino Creek Marsh Connection Project

South Bay Salt Ponds
A8 Ponds, and Coyote Creek
Dick Lyons, 2017

CIP COMMITTEE MEETING

May 18, 2026

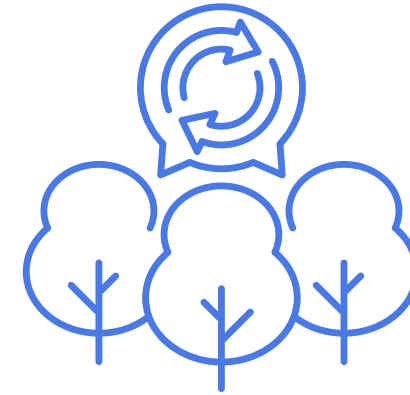
Presented by: Judy Nam, Senior Water Resources Specialist



Purpose of Today's Presentation

- Project Overview
- Present Planning Study Results
- Introduce Staff Recommended Alternative (Alt 6)
- Highlight key benefits, risks, and tradeoffs
- Receive Committee input

PROJECT LOCATION AND OBJECTIVES



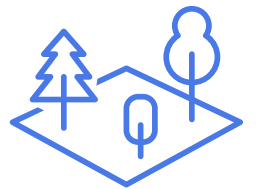
HABITAT RESTORATION



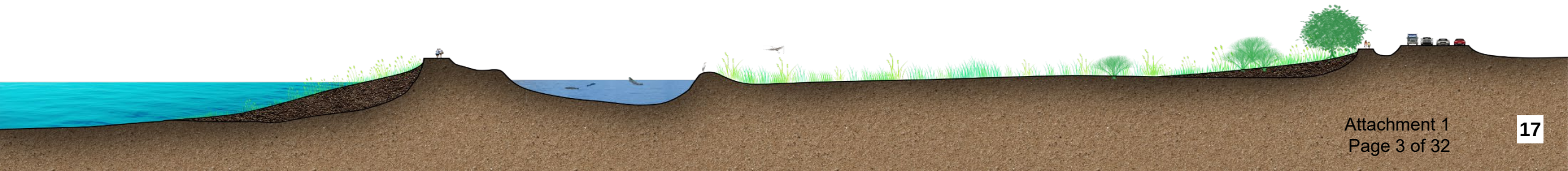
**RESILIENT FLOOD
PROTECTION**



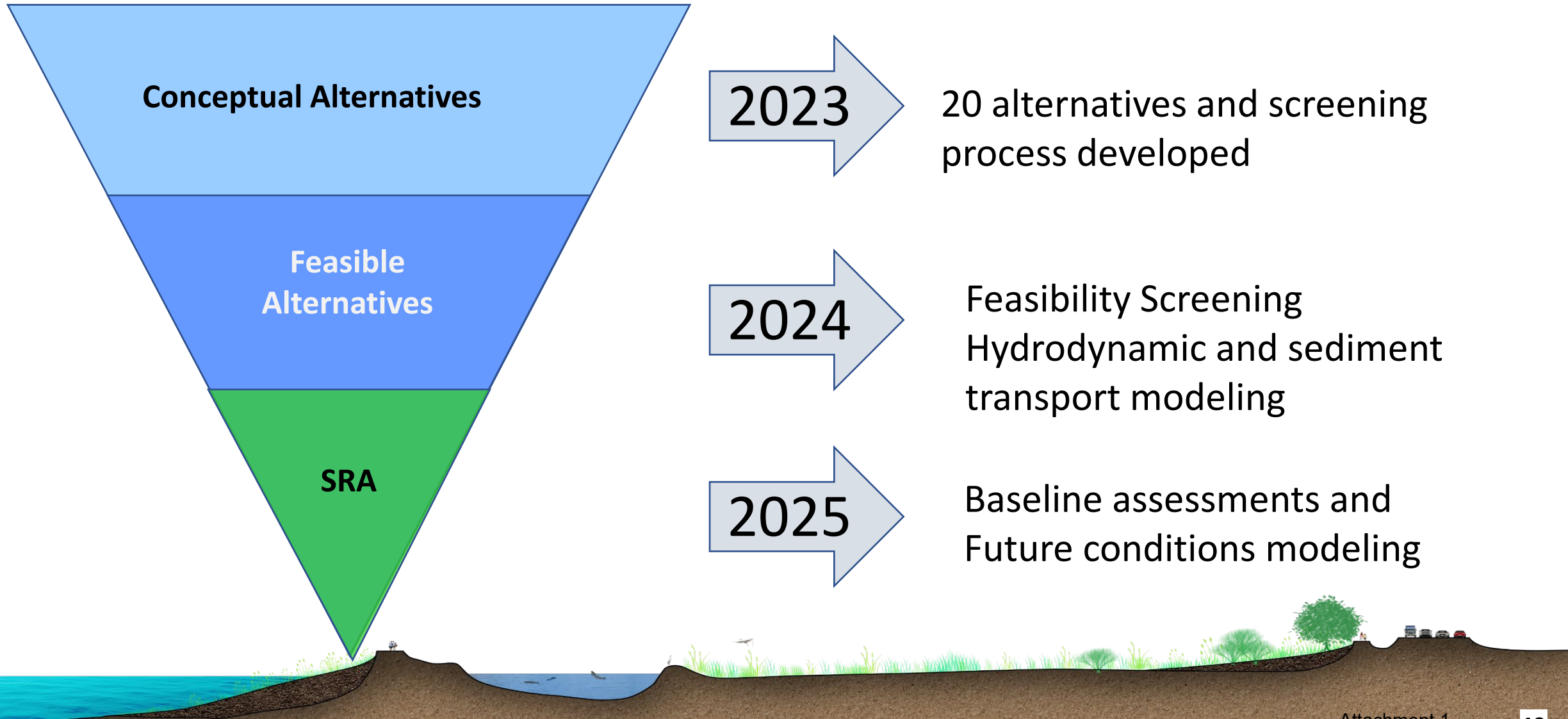
**REDUCED
MAINTENANCE NEEDS**



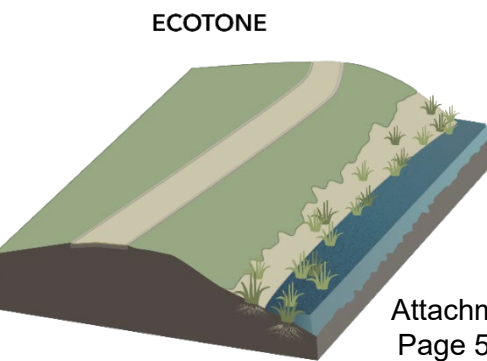
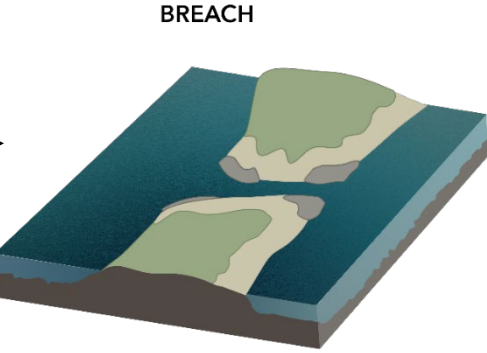
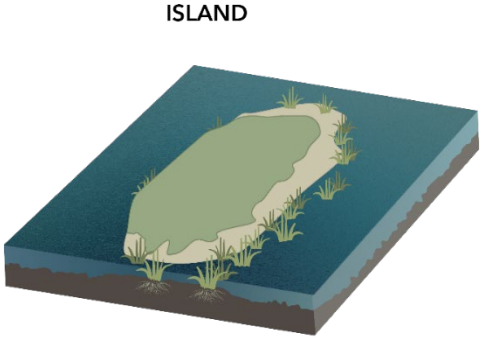
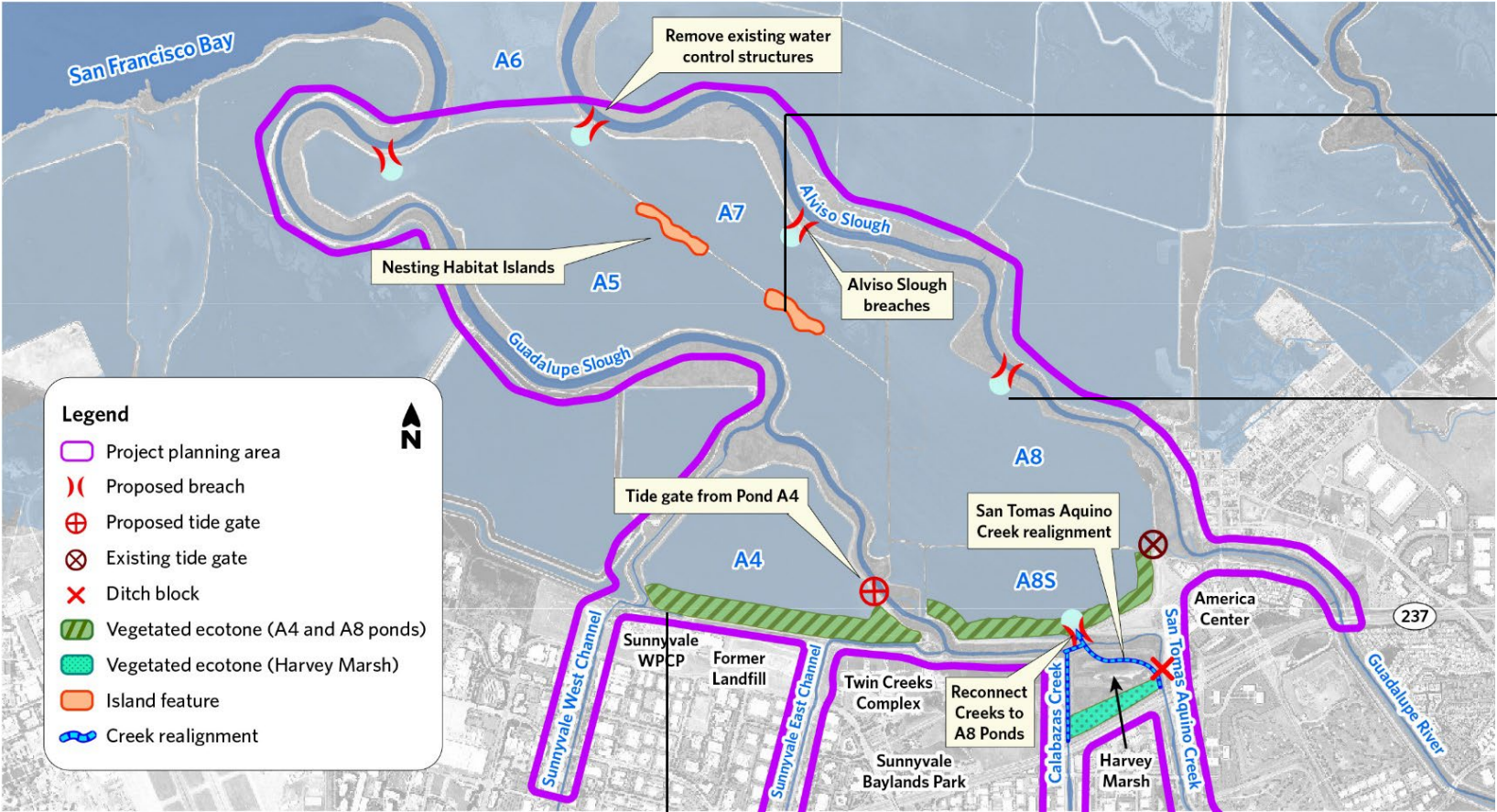
**ENHANCED
PUBLIC ACCESS**



PROJECT PLANNING PROCESS

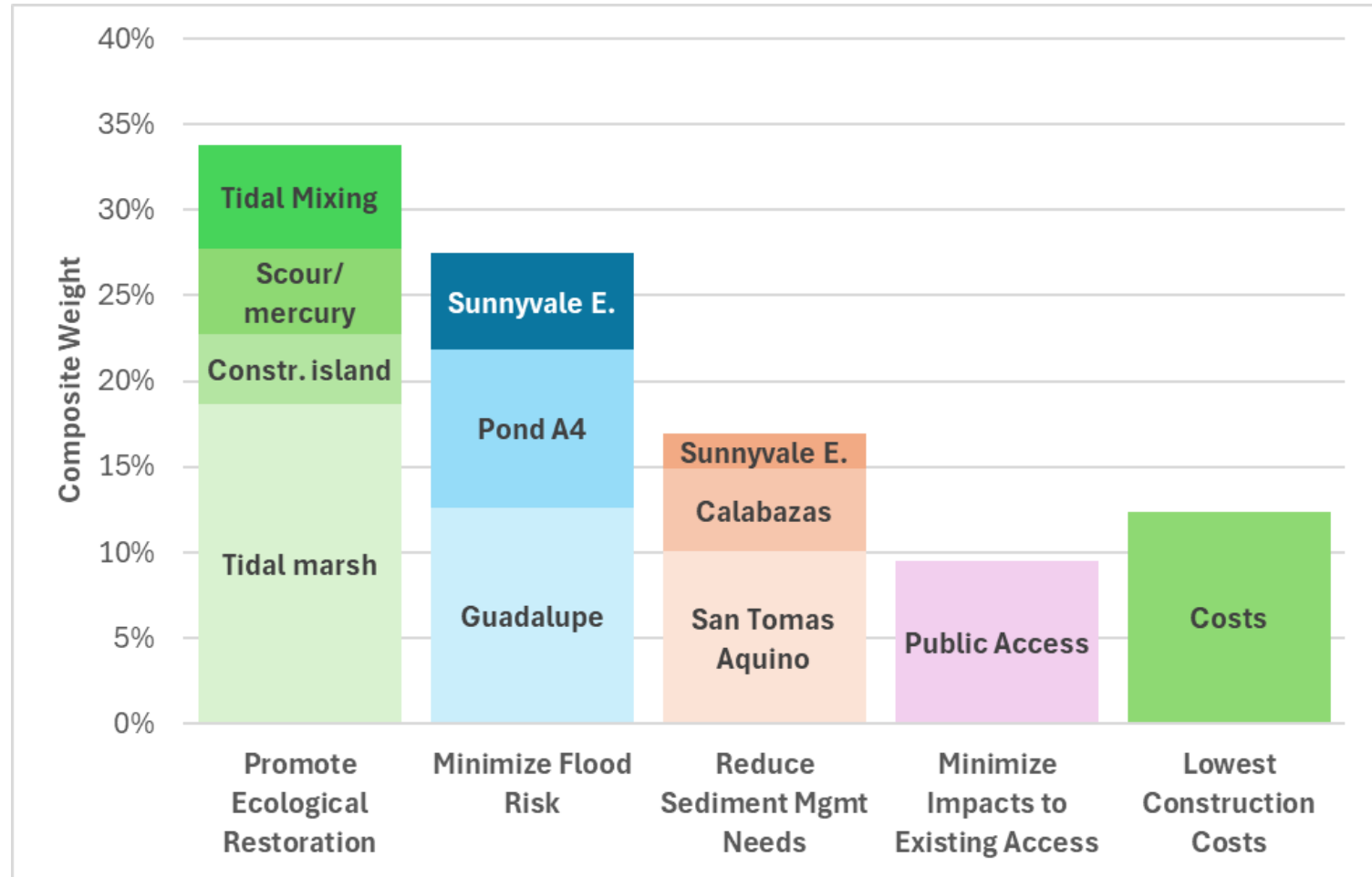


RESTORATION ELEMENTS CONSIDERED

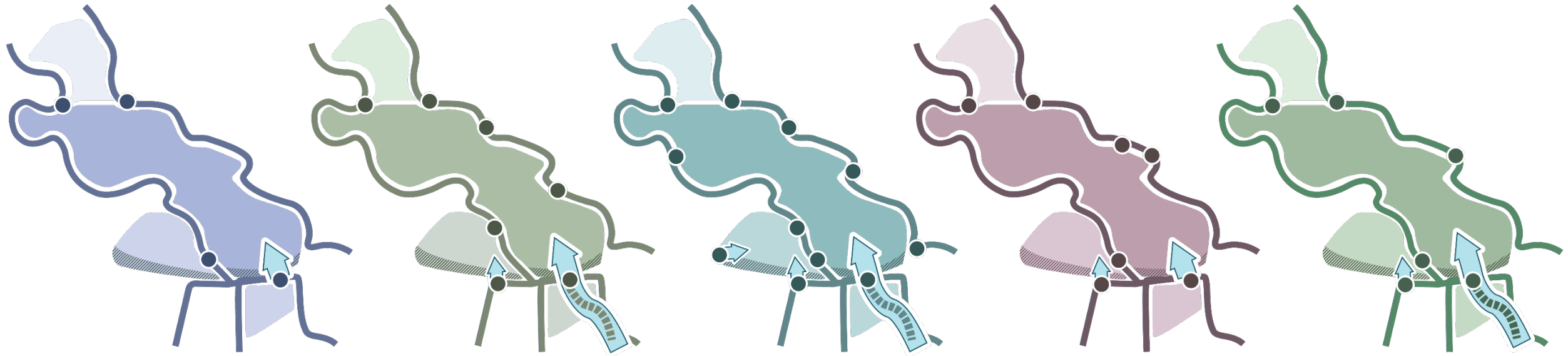


FEASIBLE ALTERNATIVES ANALYSIS

- Assessment Methodology:
 - Categories broken into factors for scoring
 - Each factor given a weight



FEASIBLE ALTERNATIVES ANALYSIS SUMMARY



ALTERNATIVE 1

ALTERNATIVE 3

ALTERNATIVE 5

ALTERNATIVE 6

ALTERNATIVE 7



Poor

Fair

Adequate

Very Good

Outstanding

FEASIBLE ALTERNATIVES ANALYSIS SUMMARY

Assessment Categories	Alt. 1	Alt. 3	Alt. 5	Alt. 6	Alt. 7
Promote Ecological Restoration					
Minimize Flood Risk					
Reduce Sediment Management Needs					
Minimize Impacts to Existing Access					
Lowest Construction Costs					
Overall Rating					



Poor



Fair



Adequate



Very Good



Outstanding

ALT. 6 – CREEK RECONNECTION, ALVISO SL. & POND A4 BREACHES



Why Alternative 6

- Most effective marsh formation
- Improves water quality over time
- Reduces sediment buildup in creeks
- Most cost-effective among high-performing options
- Balances habitat, flood, and maintenance goals

Public Access Enhancements

Support for Bay Trail Reach 9



Key Benefits of the Recommended Alternative

Habitat & Ecology

- Accelerates tidal marsh formation
- Supports long-term ecosystem health

Flood Risk

- Increased tidal storage
- Lower or unchanged water levels in most areas

Operations

- Reduced sediment removal needs and lower long-term maintenance cost
- Lowest construction cost

Key Risks & Considerations

Flood Risk (Localized)

- Increased water levels in Pond A4 under extreme events
- Mitigation to be refined during design

Water Quality (Short-Term)

- Temporary increase in mercury mobilization
- Long-term improvement expected with tidal exchange

Implementation

- Requires securing construction funding

Funding & Next Steps

Planning & Design Funding Secured

- Measure AA, EPA, Prop 1, Fund 12

Next Steps

- Finalize Planning Study (June 2026)
- Begin Design (July 2026)
- Pursue construction funding



Questions

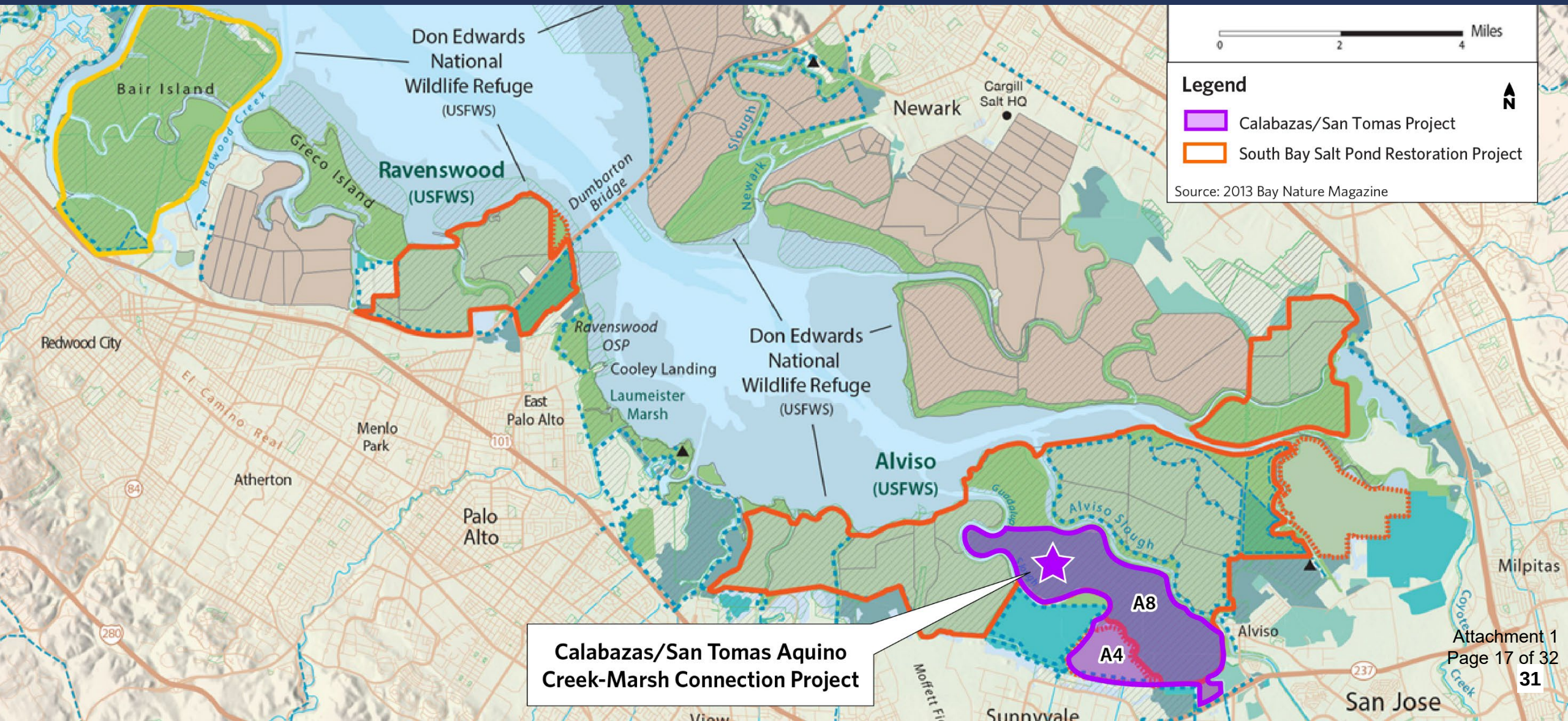


Extra:

- Restoration Elements
- Feasible Alternatives
- Alternative Analysis Details

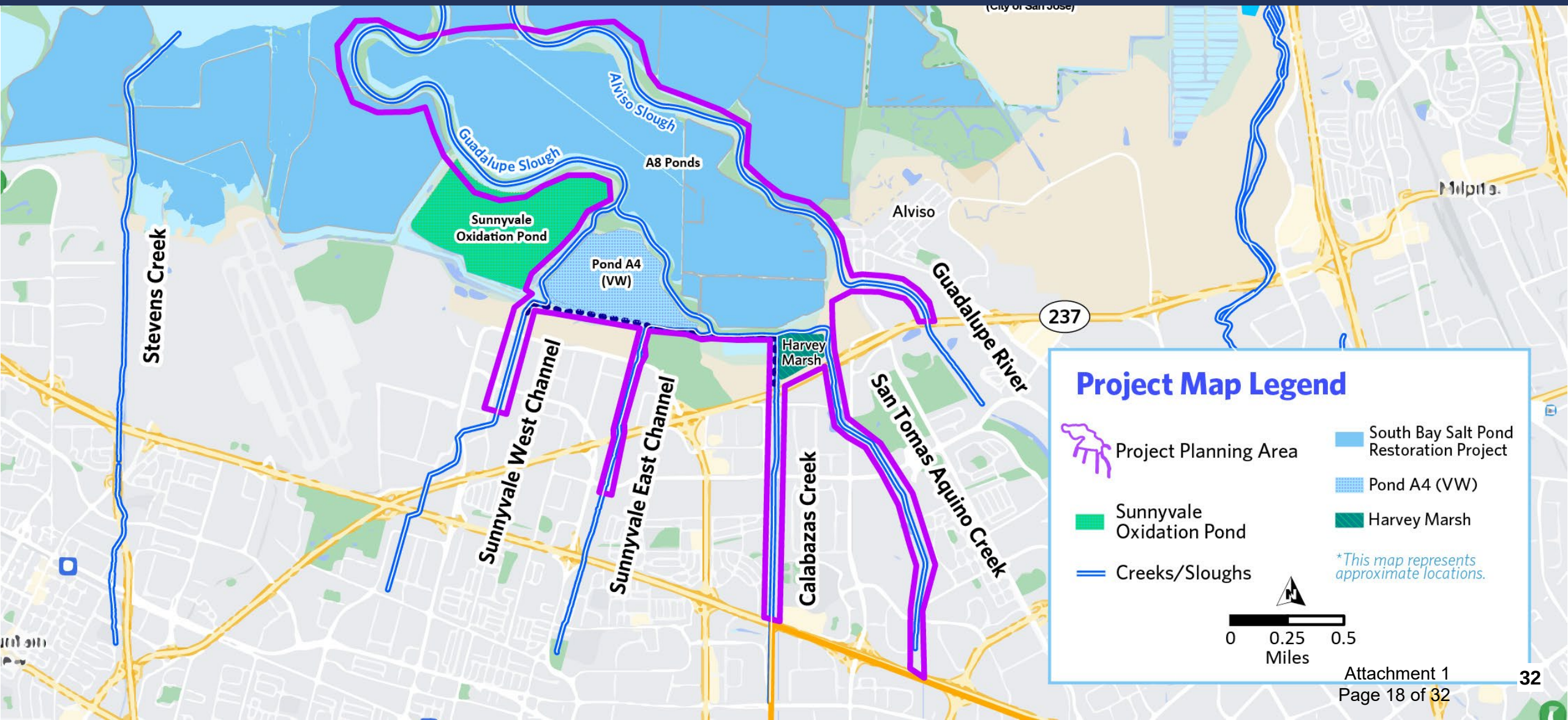


CONNECTION TO BROADER SOUTH BAY SALT POND RESTORATION

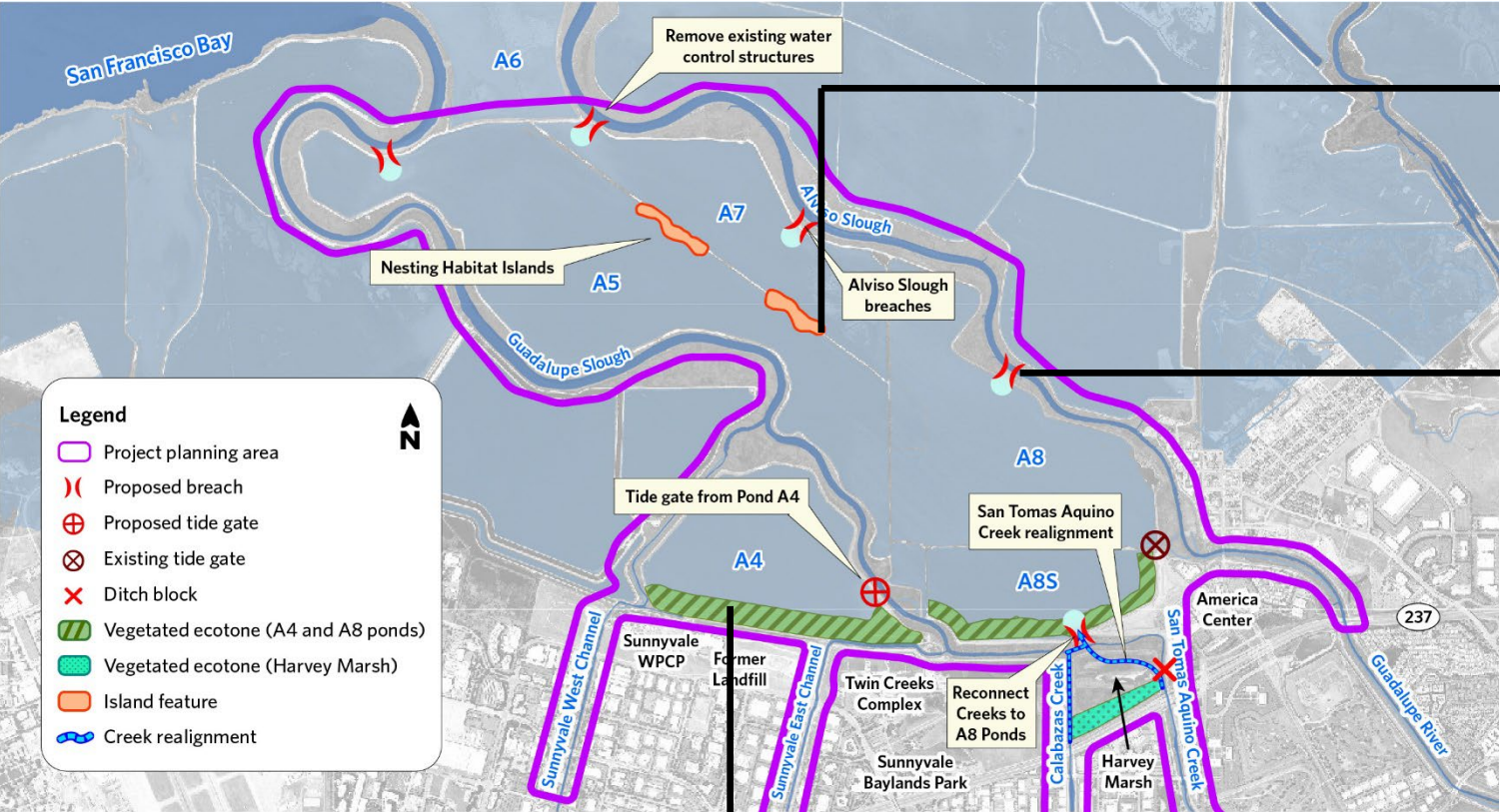


Calabazas/San Tomas Aquino
Creek-Marsh Connection Project

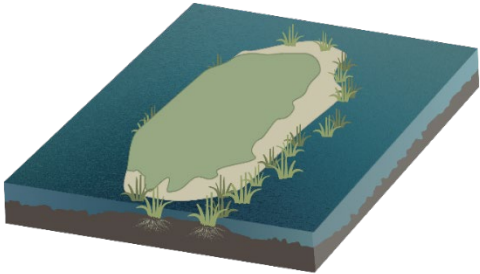
CALABAZAS/SAN TOMAS AQUINO CREEK-MARSH CONNECTION PROJECT



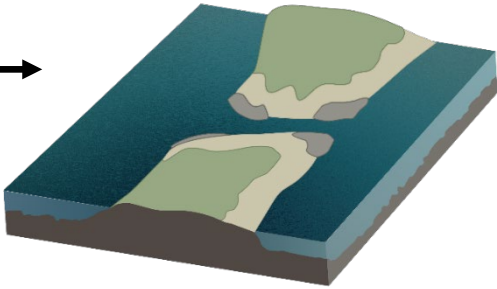
RESTORATION ELEMENTS CONSIDERED



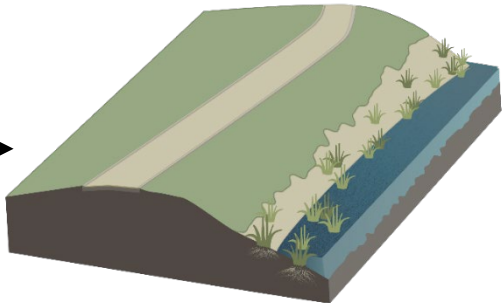
ISLAND



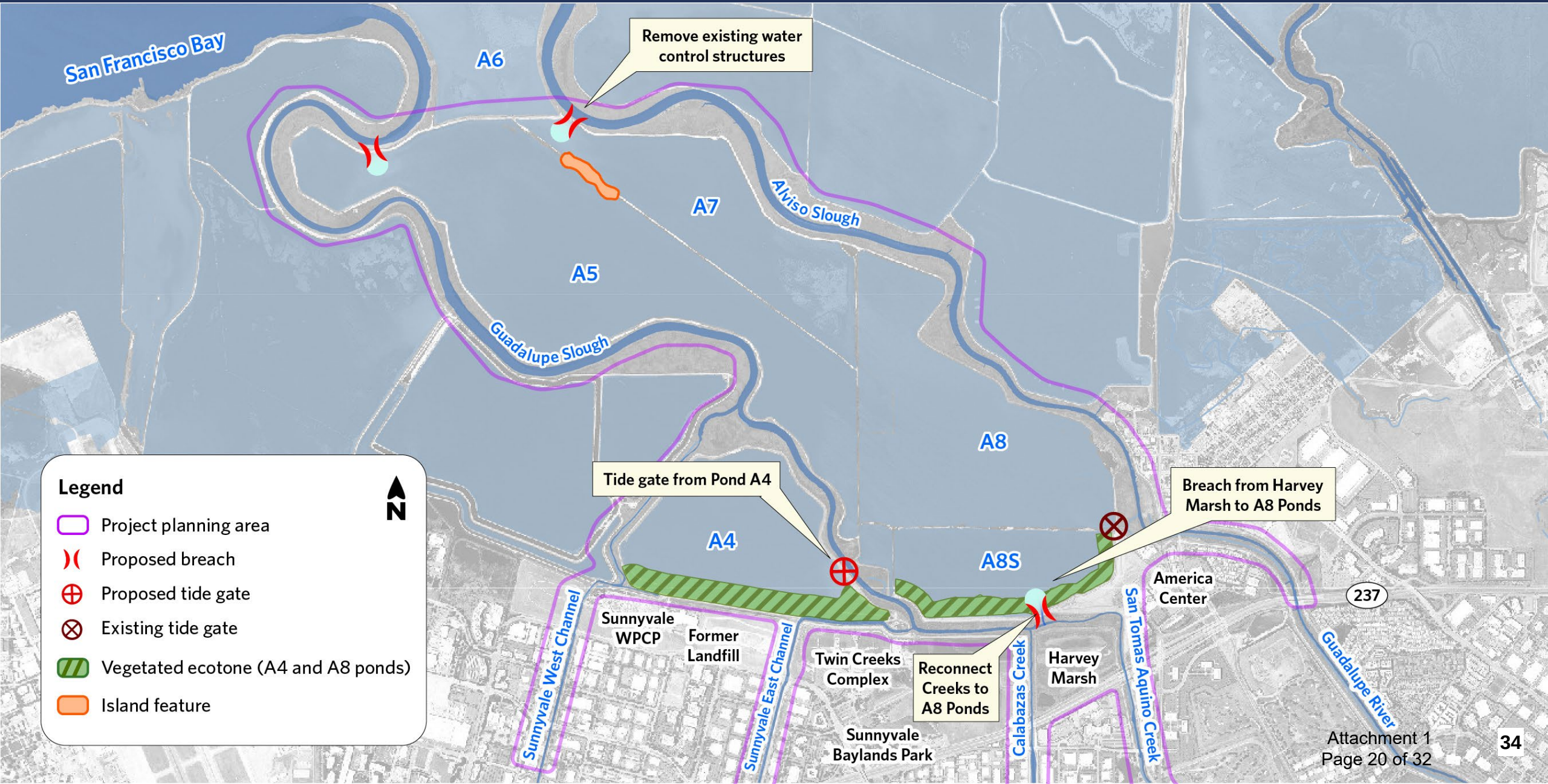
BREACH



ECOTONE



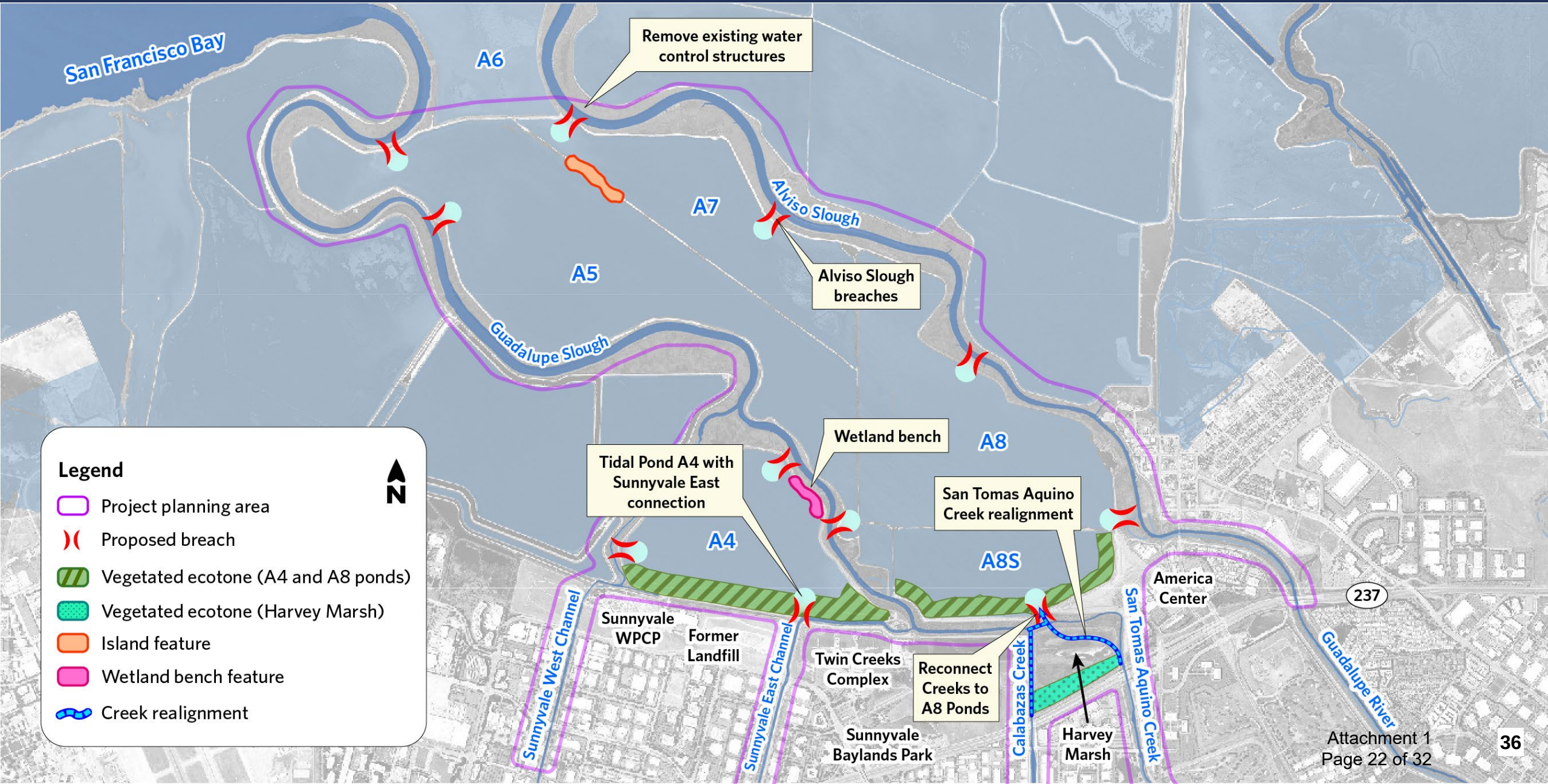
ALT. 1 – MINIMUM TIDAL CONNECTIVITY



ALT. 3 – CREEK REALIGNMENT, ALVISO SL. & POND A4 BREACHES



ALT. 5 - MAXIMUM TIDAL CONNECTIVITY



ALT. 6 – CREEK RECONNECTION, ALVISO SL. & POND A4 BREACHES



ALT. 7 - CREEK REALIGNMENT, HARVEY MARSH ENHANCEMENT



Legend

- Project planning area
- Proposed breach
- Existing tide gate
- Ditch block
- Vegetated ecotone (A4 and A8 ponds)
- Vegetated ecotone (Harvey Marsh)
- Island feature
- Berm degrade
- Creek realignment

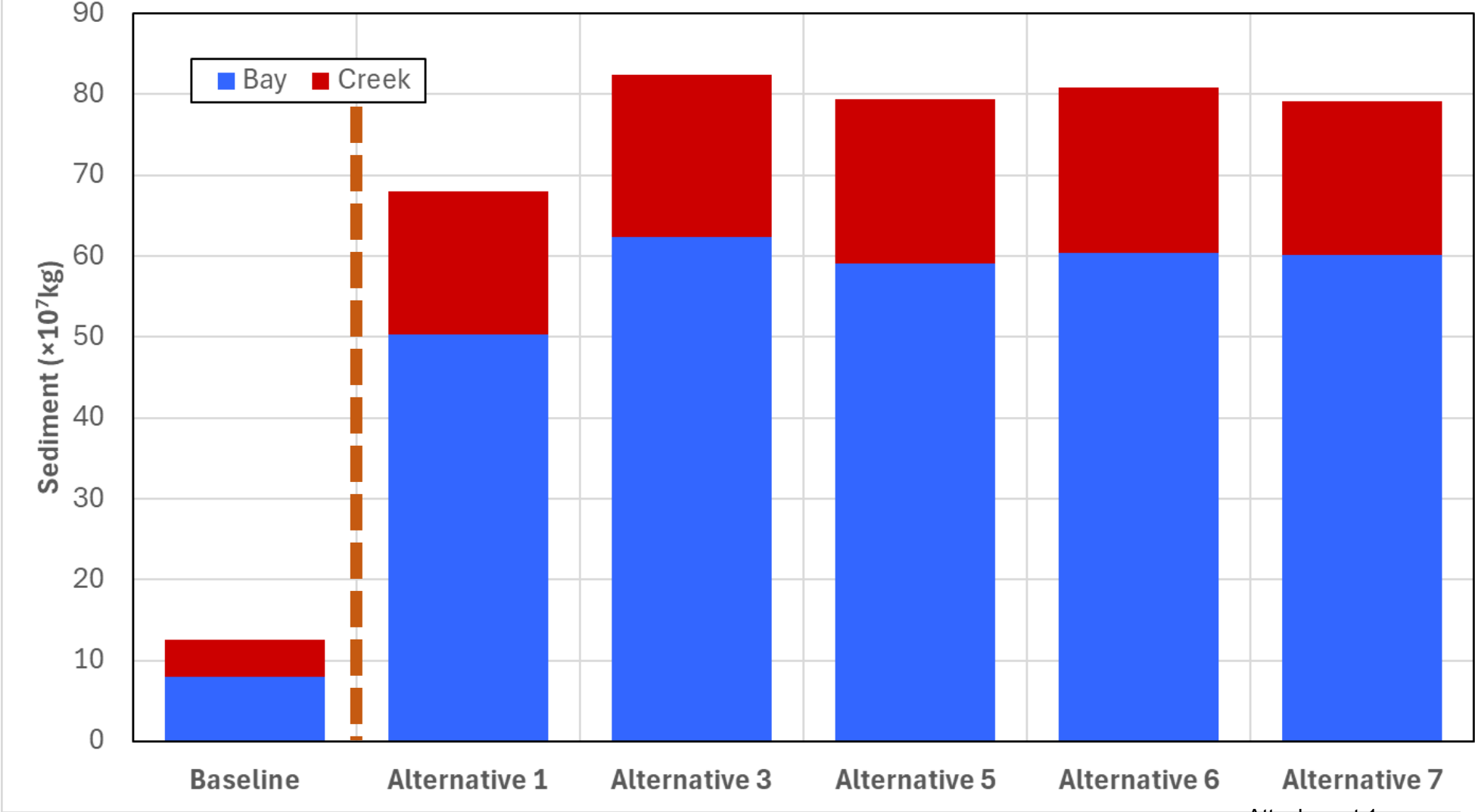


Alternatives Analysis



Sediment Modeling Results

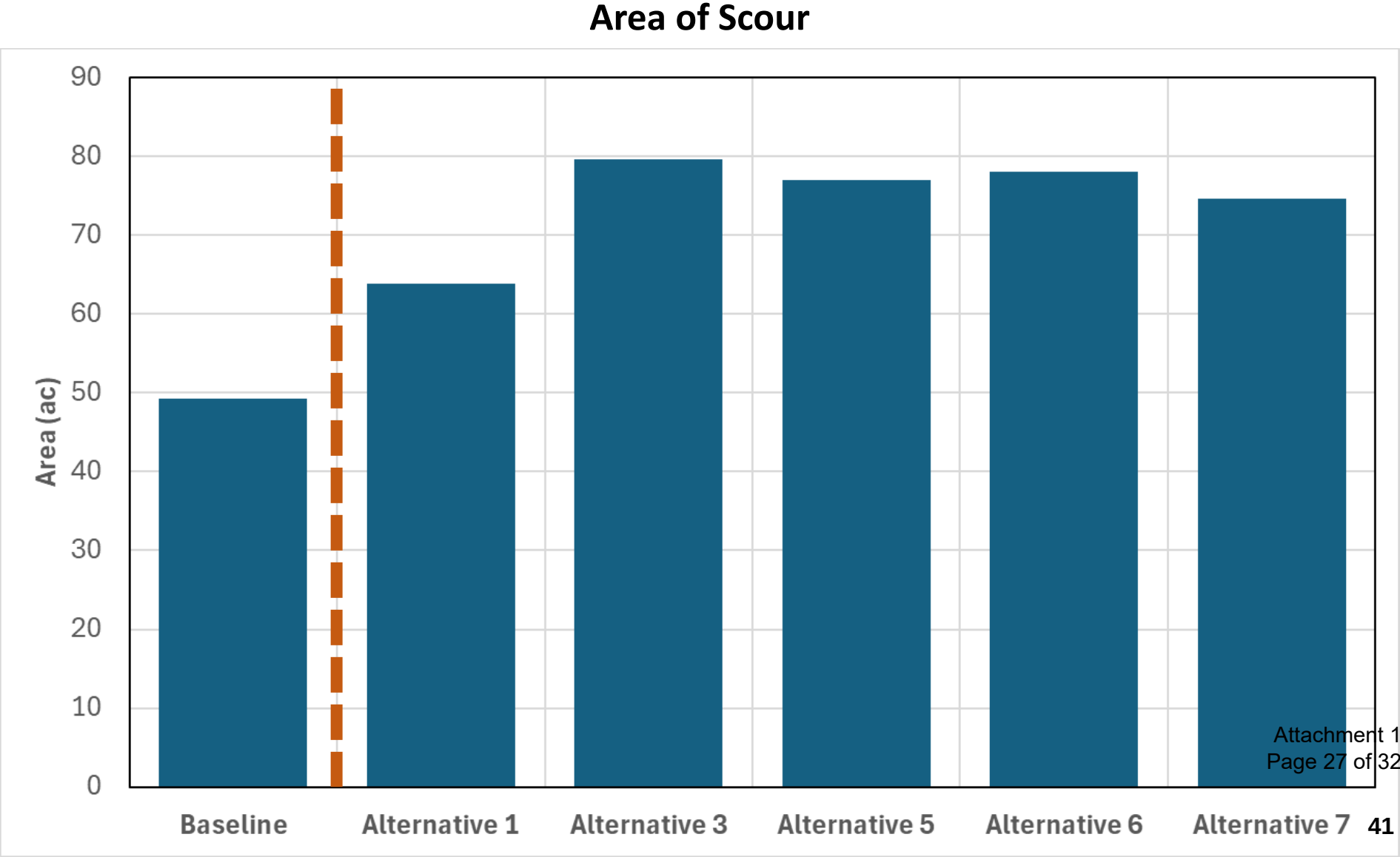
Sediment Accretion by Source



*Increased
Tidal Marsh
Sediment
Accretion*

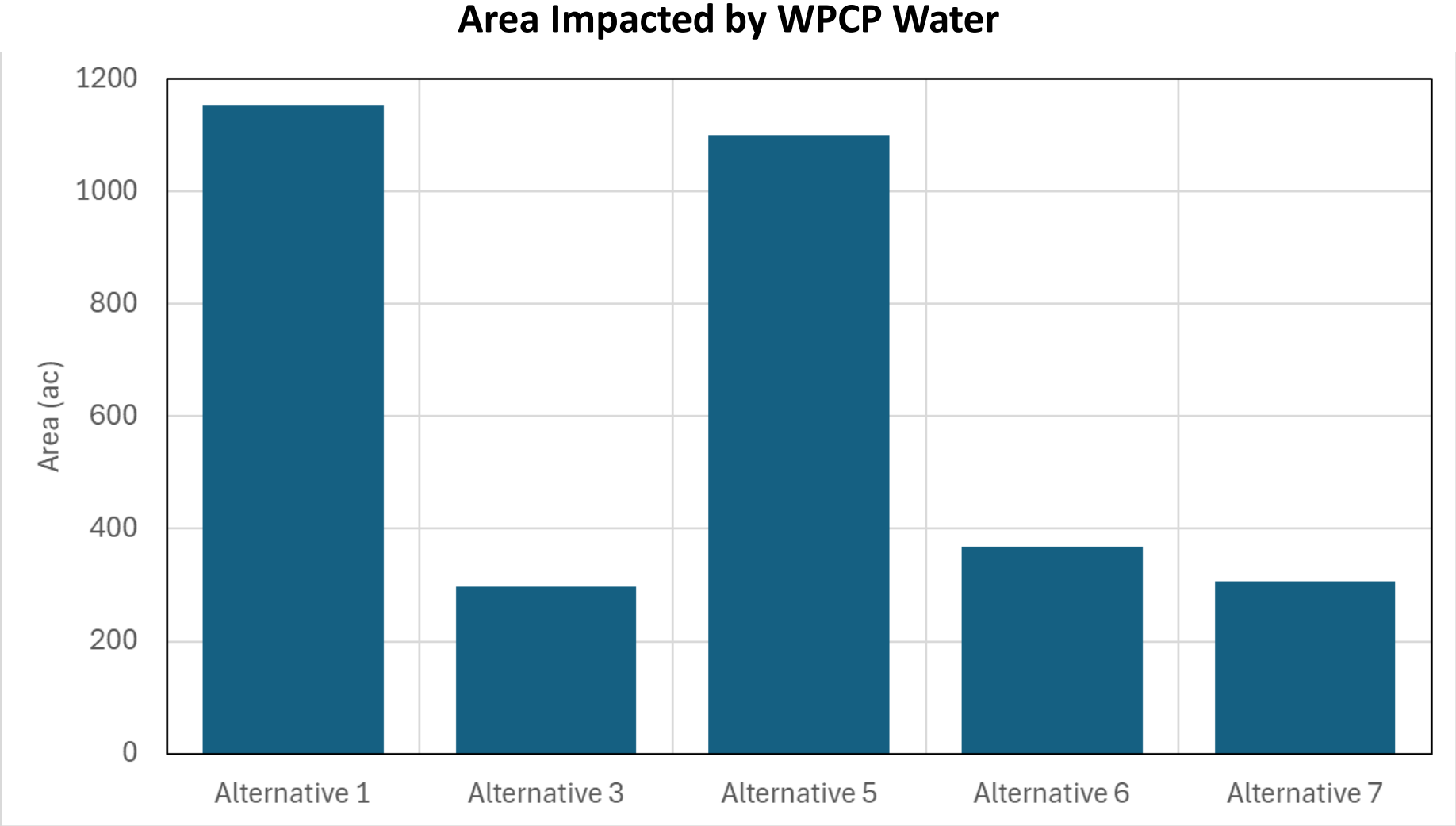
Sediment Modeling Results

*Less sediment
scour → Less
Mercury
Mobilization*



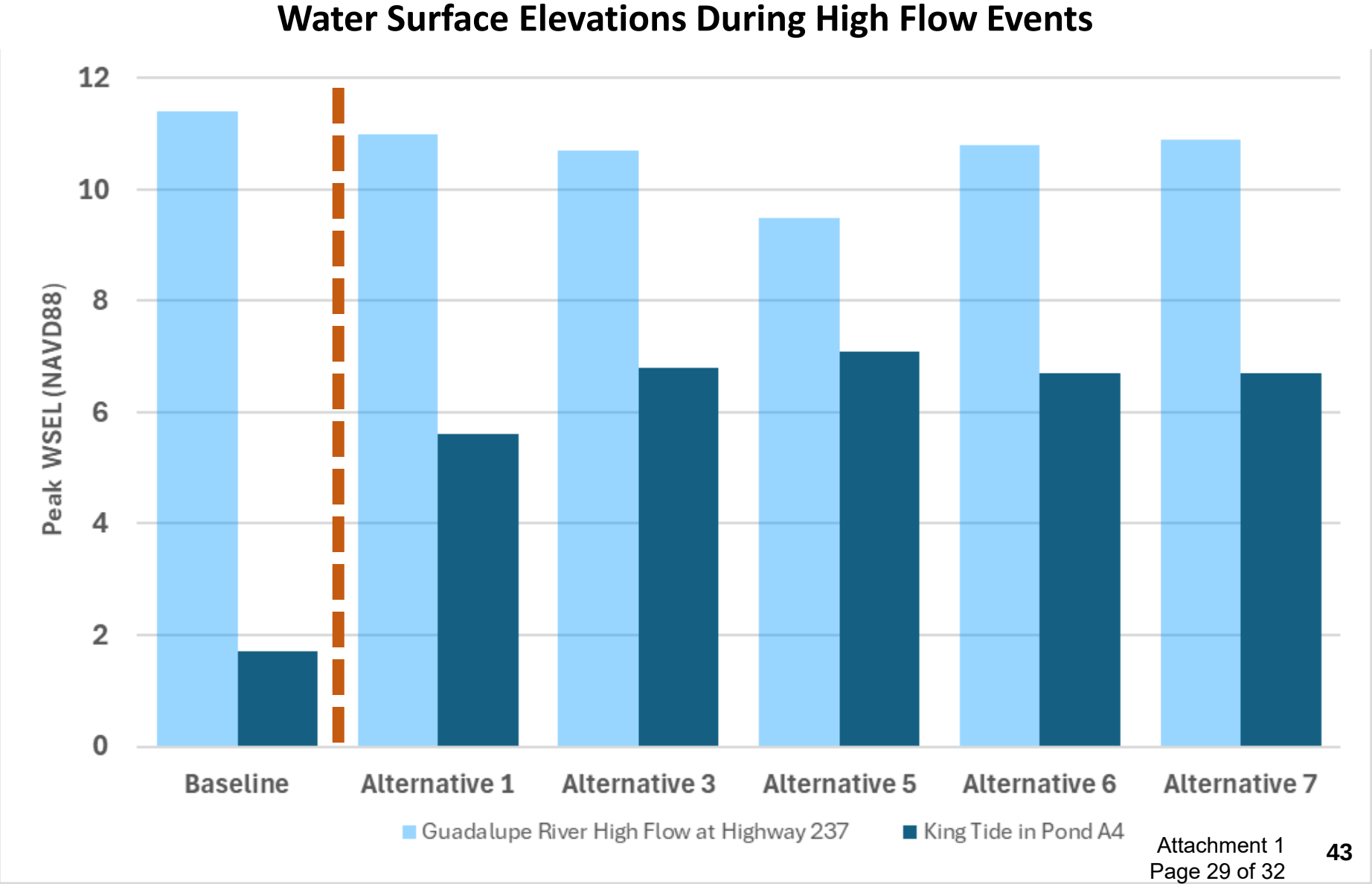
Hydrodynamic Modeling Results

*Less mixing with
Sunnyvale
Water Pollution
Control Plant
(WPCP) water
➡ Reduced
potential for
algae blooms*



Modeling of King Tides and High Flow Events

Pond breaches increase tidal storage → reduces tidal range and flood risk

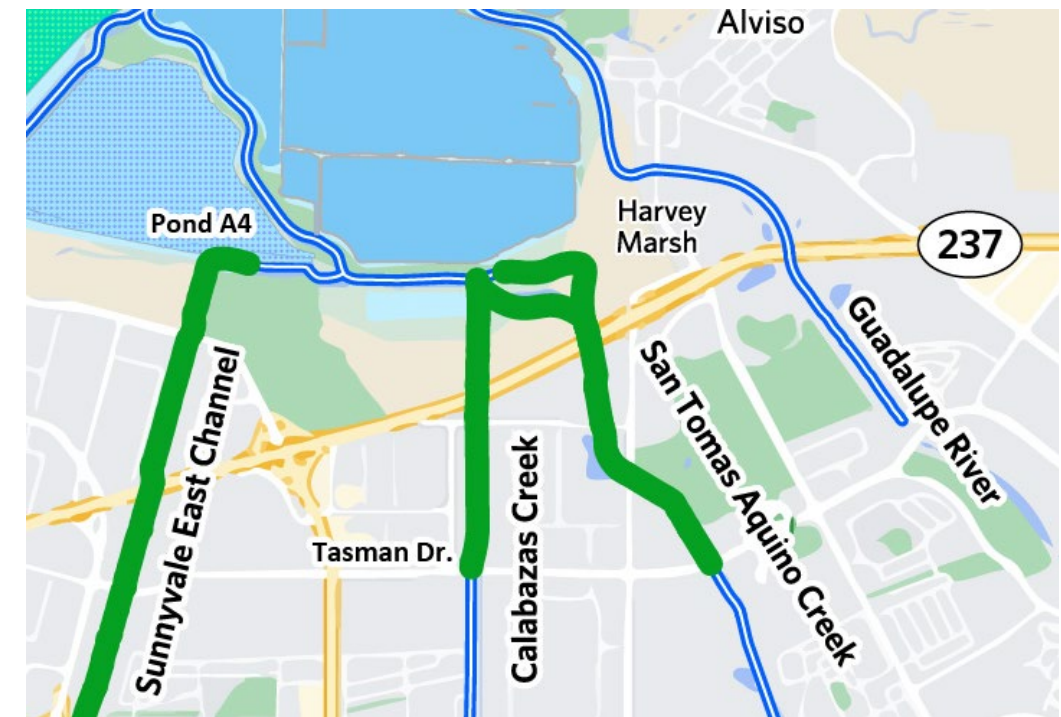
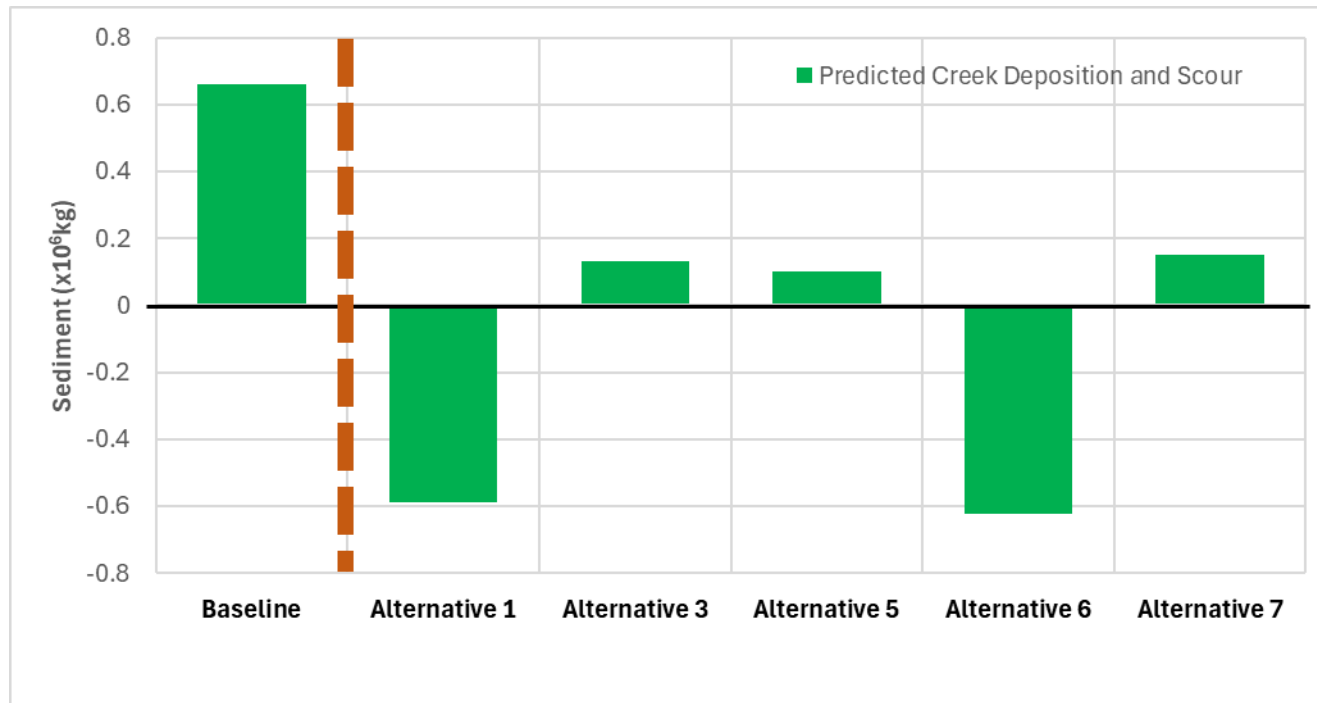


Combined Sediment Accumulation in Creeks

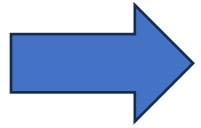
Reduced Sediment Deposition in Creeks

➡ *Reduces future sediment removal costs*

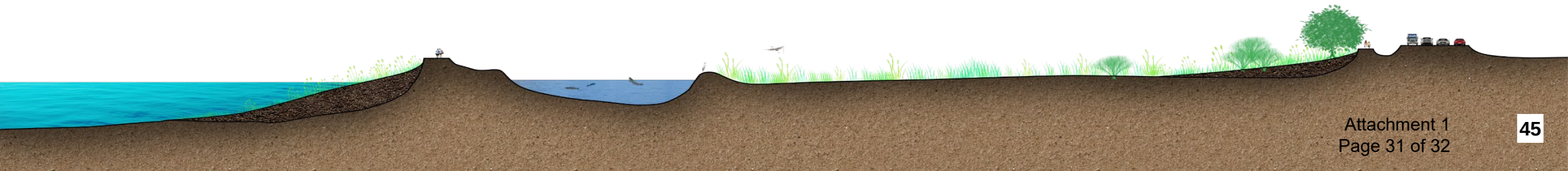
➡ *Supports tidal marsh creation at southern end of Ponds*



Public Access Enhancements



*Support for Bay
Trail Reach 9*



Bay Trail Reach 9





Santa Clara Valley Water District

File No.: 26-0388

Agenda Date: 5/18/2026

Item No.: 4.2.

COMMITTEE AGENDA MEMORANDUM Capital Improvement Program Committee

Government Code § 84308 Applies: Yes ☐ No ☒
(If "YES" Complete Attachment A - Gov. Code § 84308)

SUBJECT:

Receive and Discuss Information Regarding the Status of Capital Projects in the Design and Permitting Phase.

RECOMMENDATION:

Receive and discuss information regarding the status of capital projects in the design and permitting phase.

SUMMARY:

The 2026 Work Plan for the Board Capital Improvement Program Committee (Committee) includes monitoring of capital projects during all phases of development. Staff will present a list of active projects at each Committee meeting and provide detailed information on those where potential and/or significant issues have been identified. The projects presented for discussion will be organized by phases: planning/feasibility; design/permitting; and construction. Staff will present projects to the Committee for review one phase at a time. Projects currently in the design/permitting phase are being presented at this Committee meeting. Other attachments may be included to provide more detail on other items associated with these projects.

Attachment 1 is a list of projects in the design and permitting phase. A verbal report will be provided at the meeting with more detailed information about recent developments on the projects listed in Attachment 1.

ENVIRONMENTAL JUSTICE IMPACT:

There are no environmental justice impacts associated with presenting updates on Capital Improvement Program Projects in the design phase to the CIP Committee.

ATTACHMENTS:

Attachment 1: Design and Permitting Report

UNCLASSIFIED MANAGER:

Bhavani Yerrapotu, 408-630-2735

Emmanuel Aryee, 408-630-3074

Ryan McCarter, 408-630-2983

Lisa Bankosh, 408-630-2618

Tony Ndah, 408-630-2208

Capital Project Monitoring Report - May 2026

Design and Permitting Phase

Row	Project No.	Project Name	Plans & Specs	Notes, Upcoming Board Actions or potential issues	Deputy's	Planned CM Services		
					Initials	Internal	External	Combination
Water Supply								
1	91234010	Small Capital Improvements, San Felipe Reach 3: Coyote Pumping Plant Isolation Valves and Actuators Replacement	100%	Staff has addressed the comments received from the United States Bureau of Reclamation (USBR) on the 95% design and are now preparing the final design documents. Construction activities are anticipated to begin in November 2028.	EA	X		
2	95084006	Santa Teresa Force Main Inspection & Rehabilitation	90%	The 90% design was completed in April 2026. Staff is currently preparing the 100% design. Construction activities are anticipated to begin in January 2027.	EA	X		
3	95084004	East Pipeline Inspection & Rehabilitation	N/A	Staff has secured the California Department of Fish and Wildlife (CDFW) permitting and plans to award the contract at the Board meeting on May 26, 2026. Construction activities are anticipated to begin in July 2026.	EA	X		
4	92144001	Pacheco/Santa Clara Conduit Right-of-Way Acquisition	N/A	Easement negotiations with the last three remaining property owners are ongoing. The project is entering closeout and will transition to Operations and Maintenance.	EA	X		
5	92264001	Vasona Pump Station Upgrade	30%	Staff continues to update the 30% design. Construction activities are anticipated to begin in spring 2030.	EA			X
6	95084005	Penitencia Delivery and Force Main Inspection & Rehabilitation	100%	The project was approved by the Board for advertisement on March 24, 2026. Staff has received a draft Lake and Streambed Alteration Agreement (LSAA) from CDFW and is in the process of finalizing before awarding the contract in June 2026. Construction activities are anticipated to begin in July 2026.	EA	X		
7	93764004	Penitencia WTP Sulfuric Acid Extension Project	90%	Staff is currently preparing the 90% design. Construction activities are anticipated to begin in summer 2027.	EA	X		
8	91094001	Land Rights - South County Recycled Water Pipeline	N/A	Plans showing Right of Way and location of utilities and access have been prepared by staff and properly documented. The project is entering closeout and will transition to Operations and Maintenance.	EA	N/A		
9	91854003	Almaden Calero Canal Rehabilitation	100%	The Final design is expected to be completed in May 2026. Staff is currently preparing the California Environmental Quality Act (CEQA) document and preparing to consult with regulatory agencies for permitting requirements. Construction activities are anticipated to begin in early 2028.	EA	TBD		
10	93294059	Rinconada WTP Liquid Ammonium Sulfate Facility	30%	A design scope change request to switch the chemical used at the treatment plant from Aqua Ammonia to Liquid Ammonium Sulfate was completed in January 2026; and the project name was updated respectively. The project is currently on hold due to staffing resource constraints. Construction activities are anticipated to begin in summer 2027.	EA			
11	93764004	Santa Teresa WTP Ammonia Injection Relocation and Clearwell Bypass Pipe Isolation Project	30%	Staff completed the 30% design and basis of design report in December 2025. The project is currently on hold due to staffing resource constraints. Construction is anticipated to begin in late 2027.	EA			

12	91854001	Almaden Dam Improvement Project	N/A	The project has resumed with a design kick-off in June 2025. Updates were made to technical memoranda from the planning phase, and the design consultant’s scope of work was reviewed to identify necessary changes. In addition, meetings were held to expand the scope of environmental documentation and permitting activities. Construction is scheduled to commence in 2030.	AG		X
13	91874004	Calero Dam Seismic Retrofit Project - Design & Construction	60%	To expedite project delivery, construction will be executed in two phases. Phase One will include the embankment retrofit, spillway construction, and work at Fellows Dike and the Bailey House site (Construction Package A). Phase Two will focus on the construction of the new outlet works (Construction Package B), with design documentation for this phase to be submitted later. The 50% Draft Design Documentation, Basis of Design Technical Memoranda, Plans and Specifications for Package A, are under Division of Safety of Dams (DSOD) review and comments are expected in April 2026. The consultant has also commenced work on 90% Design Documentation for Package A. In parallel, efforts are ongoing to identify the environmental studies and modeling required to support compliance with environmental planning regulations. Preparation of the Draft Environmental Impact Report (EIR) is also underway. Construction of Package A components is anticipated to begin in summer 2028.	AG	X	
14	91894002	Guadalupe Dam Seismic Retrofit - Design & Construct	90%	To accelerate project delivery, construction will be implemented in two phases. Phase One will include the embankment retrofit, spillway construction, and rehabilitation of the existing intake riser pipe within the reservoir (Construction Package A). Phase Two will focus on the construction of the new outlet works (Construction Package B). Draft 60% design plans and specifications for rehabilitating the intake riser pipe were submitted to and reviewed by DSOD. A few minor comments were received in April 2026. Completion of the 90% design package for Phase One (Package A) is anticipated in late fall of 2026. This will, however, depend on obtaining permits to perform the further required geotechnical investigation in a timely manner, which may push this into 2027. In parallel, efforts are underway to identify the environmental studies and modeling needed to support environmental planning and compliance activities. Preparation of the Draft EIR has commenced. Construction of Package A components is anticipated to begin in summer 2029.	AG		X

15	91954002	Pacheco Reservoir Expansion	60%	Staff continues to work with the consultants to preserve all project records and work products.	AG			X
16	91864005	Anderson Dam Seismic Retrofit (C1: Fund Transfer KPI)	100%	Staff is preparing to remove any remaining equipment still on site in the summer of 2026. The Valley Water Board of Directors authorized the advertisement of the project on September 23, 2025, and invited three prequalified contractors to bid on the ADSRP construction contract. The contract will be awarded using the Best Value Selection Method. Technical Submittals are due May 2026 and bid price submittals are due in June 2026. The contractor with the highest combined Technical and Price score will be awarded the construction contract in July 2026. The Final Environmental Impact Statement (EIS) was released on February 1, 2026 and the FERC Surrender Order was issued on May 5, 2026. Valley Water received the final Lake and Streambed Alteration Agreement from the California Department of Fish and Wildlife on April 10, 2026. Construction is anticipated to begin in January 2027.	RM			X
Flood Protection								
17	26174043	Coyote Creek, Montague Expressway to Tully Road (SCW E1)*	100%	Staff completed the Construction Bid Set Plans and Specifications, and the Board authorized advertising the project for construction at the April 14, 2026 Board meeting. Staff is working with regulatory agencies to acquire the environmental regulatory permits, and staff is confident that all regulatory permits will be acquired before July 2026. Award of the construction contract is planned for the July 28, 2026 Board meeting. Staff is also working on real estate acquisitions to obtain the land rights needed for construction and future maintenance. Construction is anticipated to start in August 2026 utilizing a phased Notice to Proceed (NTP) as additional land rights are acquired and with construction work anticipated to be completed by the end of 2028.	BY		X	
18	00044026	San Francisco Bay Shoreline, EIA 11 - Alviso Slough to Coyote Creek	Prelim	US Army Corps of Engineers (USACE) completed geotechnical investigations and is developing preliminary design of Reaches 4-5 and remaining project elements. USACE expects to present the next iteration of the designs, updated schedule, and updated cost estimates in fall 2026.	BY	N/A	USACE construction	
19	26074002	Sunnyvale East and West Channels (SCW E2)*	90%	Due to a significant time lapse since the previously approved permits, resource agencies required resubmission of the permit applications and staff continues to work with the agencies to acquire the permits. Staff is also continuing to work with the City of Sunnyvale on the various cost share agreements (joint floodwall/security wall) as well as Operations and Maintenance agreements, trail closures, traffic and detours plans. Additional QA/QC measures triggered due to the size, time lapse and the extended period of design-uncovered that current design of the trip cell box culvert for the Caribbean Drive crossing over the east channel would not meet the Caltrans and American Association of State Highway and Transportation Officials (ASSHOTO) standards for settlement. Per the recommendations of the QA/QC structural and geotechnical engineering consultants. Staff is currently working on the redesign of the crossing, potentially a single-span pre-stressed concrete bridge. This re-design would also address the concern with an existing 39-inch sanitary sewer main line running under the channel. The advertisement and award of a construction contract is anticipated in early 2027 with construction completion date of summer 2030, not including the mitigation plantings establishment period.	BY	X		

20	62084001	Watershed Asset Rehabilitation Program (WARP)	N/A	Under this Program’s plan for 2026, two projects are currently in the design phase. Erosion Repair on Guadalupe River at San Carlos Street and Saratoga Creek Drop Structures Rehabilitation are being planned with design anticipated to start in FY 2027. • Slope and bank repair on Guadalupe River at Malone Road and Blossom Hill Road - The project is at 90% design. The final design is expected to be completed in mid 2026. Both sites will require CEQA analysis and determination and permits for construction. Construction is planned for summer 2027. • Lower Penitencia Erosion Repairs from Elmwood Avenue to Great Mall Parkway – The project is at 60% design. The project team has begun the CEQA analysis process. Permitting and final design are anticipated to be completed in late 2027. Construction is planned for summer 2028.	BY	X	
21	30154019	Lower Guadalupe River Capacity Restoration	Prelim	Based on the information provided and feedback received during the August 29, 2025 Special Board Strategic CIP Planning session, and as presented to the Board as part of the January 13, 2026 Work Study Session on the Preliminary FY27-31 CIP, this project is being re-scoped to focus on risk reduction and improving freeboard through targeted vegetation removal. The first phase of the work includes removing dead trees, which will begin later this fall.	BY	TBD	
22	26174041	Berryessa Creek, Calaveras Boulevard to Interstate 680	100%	The project focuses on the development of mitigation planting sites to meet the San Francisco Bay Regional Water Quality Control Board (Regional Board) mitigation requirements from their revised permit for the original flood protection project. Staff worked with the Regional Board to identify sites in the Berryessa Creek watershed suitable for mitigation planting. Staff is currently finalizing the 100% design and the CEQA document. The goal is to award the construction project by July 2026 and begin construction late summer 2026.	BY	X	
23	26154003	Guadalupe River-Upper, SPRR to Blossom Hill Road - Reaches 7-12 (SCW E8)*	Prelim	USACE has recently informed Valley Water that additional federal funding will not be provided to complete the General Re-Evaluation Study due to broader national funding constraints and evolving federal planning requirements. In response, Valley Water staff has updated the implementation strategy for the project, which was presented to the CIP Committee on April 20, 2026 and includes evaluating options for a smaller scoped project to reduce risk in the highest risk areas within the project boundaries, continuing to work with USACE to advance the remainder of the project by completing the General Re-Evaluation Study under Section 203, which allows a Non-Federal Sponsor to complete a feasibility study using local resources, and continuing flood awareness outreach to the high risk areas within the project boundaries. Staff expects to return to the CIP Committee with a recommendation for a smaller scope project in summer 2027.	BY	N/A	USACE construction

24	26044056	SCW Regnart Creek Rehabilitation Project (F8)*	60%	Regnart Creek has experienced severe bank erosion and has large unstable trees that threaten the adjacent properties. The proposed project would rehabilitate Regnart Creek to reduce the risk of bank failures that can impact adjacent private and public property. Staff has begun the 60% design and anticipate completing it by September 2026.	BY	
Water Resources Stewardship						
25	20444002	Pond A4 Resilient Habitat Restoration Project (Phase 1 - Planning and Design)	Prelim	Permit applications were submitted in July 2025 and all permits are now in hand. The project team is currently completing the contracting process to complete final design, source fill and build the mudflat at no cost to Valley Water. Dirt deliveries are anticipated to begin in summer 2026.	LB	
Buildings & IT						
26	60204032	Headquarters Operations Building	30%	With consultant support, the project team analyzed renovation strategies for the Maintenance Building to address space and operational needs. After collaborating with management, staff presented a Recommended Alternative to the CIP Committee on February 26, 2024. Advancement of the project into 60 percent design-level plans and specifications is underway.	TN	X

*This project meets the commitments of the voter-approved Safe, Clean Water Program (SCW). For a full description of the SCW benefits and KPIs, please visit www.valleywater.org.

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Santa Clara Valley Water District

File No.: 26-0391

Agenda Date: 5/18/2026

Item No.: 4.3.

COMMITTEE AGENDA MEMORANDUM **Capital Improvement Program Committee**

Government Code § 84308 Applies: Yes ☒ No ☐
(If "YES" Complete Attachment A - Gov. Code § 84308)

SUBJECT:

Receive Information on Change Orders to Anderson Dam Tunnel Project Construction Contract.

RECOMMENDATION:

Receive information on change orders to Anderson Dam Tunnel Project Construction Contract.

SUMMARY:

During the May 17, 2021, Capital Improvement Program (CIP) Committee meeting, staff provided an update on the Anderson Dam Tunnel Project (ADTP) No. 91864006. The Committee requested staff provide monthly change order status updates after construction of the ADTP commences on July 7, 2021.

Project Background

Santa Clara Valley Water District (Valley Water) is undertaking the Anderson Dam Federal Energy Regulatory Commission Order Compliance Project (FOCP) as a result of the February 20, 2020, directive from the Federal Energy Regulatory Commission (FERC) to implement interim risk reduction measures at Anderson Dam. One of those measures is the ADTP.

On April 27, 2021, Valley Water's Board of Directors awarded the construction contract for the ADTP to the top-ranked, best-value proposer, Flatiron Dragados West, Inc. (FDW), in the sum of \$161,140,321 and approved a contingency amount of \$40,000,000 (25% of the contract price). The Board directed staff to discuss delegating authority for contingency expenditures with the CIP Committee. On January 28, 2025, the Board of Directors approved an increase of \$40,000,000 to the construction contract contingency sum, bringing the total construction contract contingency to \$80,000,000.

By unanimous roll call vote at its May 17, 2021, meeting, the Committee approved recommending to the full Board that it consider delegating authority to staff to approve change orders for the ADTP at the amounts stated below and that the CIP Committee receive regular monthly reports with information regarding approved change orders, pending change orders, and the cumulative amounts.

Valley Water's Board of Directors accepted the CIP Committee recommendations at its regular meeting on May 25, 2021.

Delegated Approval Authority

Unit Manager: Up to \$100,000
Assistant Operating Officer: Up to \$250,000
Deputy Operating Officer: Up to \$500,000
Assistant Chief Executive Officer: Up to \$2.5 million
Chief Executive Officer: Up to \$5 million
Board of Directors: \$5 million and above

Construction Contract Change Orders Status

There is one new Contract Change Order (CCO No. 64) to present to the CIP Committee. The amount of CCO No. 64 is estimated at \$1,200,000.00. Two attachments providing information on construction contract change orders (Attachment 1) and construction contract financials (Attachment 2) are included for reference.

Contract Change Order No. 64

1. Diversion Tunnel Steel Liner and Concrete Backfill - Additional Scope and Escalation.

This change addresses additional scope and cost escalation associated with completion of the Diversion Tunnel final lining work. Due to cumulative schedule impacts from regulatory agency-driven design changes and unforeseen field conditions, the construction completion date was extended from March 4, 2024 to December 4, 2026, as documented in Time Impact Analyses (TIA) 1 through 6.

The Diversion Tunnel scope includes installation of a 13-foot diameter steel final lining along the approximately 350-foot long tunnel, placement of low-density cellular concrete (light weight concrete), and associated welding, coating, and inspection activities.

As a result of these schedule extensions, Diversion Tunnel final lining work originally planned for 2023 is now being performed in 2026, requiring adjustment for market escalation. This change includes compensation for increased costs in labor, materials, equipment, and subcontractor work, reflecting market conditions at the time of execution.

The change also incorporates field modifications required at start of the Diversion Tunnel liner to accommodate a more complex configuration connecting to a 13-foot pipe extension at the Transition Zone. These modifications required additional joints, butt straps, welding, and temporary support measures to ensure proper alignment and maintain required tolerances during installation.

This change order is estimated to be valued at \$1,200,000.00.

Other Changes from Previous Month Contract Change Order Status

1. CCO No. 61 includes two items (Overhead Conduit to Control Room Building No 1; and Stop Log Expedited Delivery) estimated to be valued at \$6,900 and \$22,600, respectively. These two items were originally included in CCO No. 59, which was presented at the December 2025 CIP Committee meeting. Subsequently the two items were moved from CCO No. 59 to a new CCO No. 61. The total amount of CCO No. 61 was estimated at \$29,500. CCO No. 61 has been revised to remove the Overhead Conduit to Control Room Building No. 1, as this work will be performed in the near future on a Time-and-Materials basis and the actual cost will be finalized at that time. The Stop Log Expedited Delivery cost has been updated and reduced from \$22,600 to \$22,391. CCO No. 61 now also includes Ultrasonic Testing of Microtunneling Pipe Welds, presented at the March 2026 CIP Committee meeting as part of Change Order 62 for \$39,803, bringing the revised total for CCO No. 61 up to \$62,194.00,
2. CCO No. 62 was presented at the March 2026 CIP Committee meeting for two items (Installation of Large Diameter Pipe Outside of the Tunnel; and Ultrasonic Testing of Microtunneling Pipe Welds) estimated to be valued at \$39,803 and \$4,500,000 respectively. The total amount of the change order was estimated at \$4,539,803. The Ultrasonic Testing of Microtunneling Pipe Welds, valued at \$39,803, has been removed from CCO No. 62 and added to CCO No. 61. Therefore, CCO No. 62 has been updated to only include Installation of Large Diameter Pipe Outside of the Tunnel, which is estimated to be valued at \$4,500,000.00.

ENVIRONMENTAL JUSTICE IMPACT:

There are no environmental justice impacts associated with this item.

ATTACHMENTS:

Attachment A: Gov. Code § 84308: Flatiron Dragados West
Attachment 1: Construction Contract Change Orders Status
Attachment 2: Construction Contract Financial Status

UNCLASSIFIED MANAGER:

Ryan McCarter, 408-630-2983

Attachment A
Government Code §84308

Receive Information on Change Orders to Anderson Dam Tunnel Project Construction Contract.

List of Parties and Their Agents/Representatives Known to Staff

<u>Organization Name</u>	<u>Name</u>	<u>Role</u>	<u>Location</u>
Flatiron Dragados West LLC	Javier Sevilla	CEO	1200 Concord Ave. Suite 465 Concord, CA 94520

List of Participants and Their Agents/Representatives Known to Staff

<u>Organization Name</u>	<u>Name</u>	<u>Role</u>	<u>Location</u>
Dean's Certified Welding	Evan Wheeler	Projects Manager	27645 Commerce Center Drive Temecula, CA 92590
Jeffco Painting & Coating Inc.	Jeff Dortch	Vice President	1260 Railroad Ave. #750, Vallejo, CA 94592

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**Anderson Dam Tunnel Project
Construction Contract Change (CO) Order Status**

CCO #	CIP Committee Date	Approval Date	Description	Amount	Contingency Amount	Approval Level	Status
		4/27/2021	Original Contract	\$161,140,321.00	\$40,000,000.00	Board	
1	1/18/2022	12/16/2021	Additional Tree Removal, Protection and Relocation	\$460,250.41	\$39,539,749.59	DOO	Approved
2	2/14/2022	4/26/2022	Outlet Works Vertical Shaft Re-sizing	\$3,783,119.15	\$35,756,630.44	CEO	Approved
3	5/16/2022	5/17/2022	Water Quality Monitoring Equipment, Miscellaneous demolition, TCEAP VHF/UHF Radios	\$131,603.28	\$35,625,027.16	AOO	Approved
4	6/13/2022	6/30/2022	Tunnel and Miscellaneous Items from CDC-001/001.1, Remove Taber Drilling from Scope	\$386,801.98	\$35,238,225.18	DOO	Approved
5	6/13/2022	6/30/2022	Upsizing Soil Nail Rows D&E from #18 to #20	\$228,562.00	\$35,009,663.18	DOO	Approved
6	7/18/2022	8/6/2022	Increased Quantity of Diversion Portal Excavation, Assistance with Geological Investigations, Internet access to Trailer # 2, and Change of Infill material for High Level Outlet Works (HLOW) Shaft	\$63,063.32	\$34,946,599.86	UM	Approved
7	9/26/2022	10/31/2022	DOS Foundation Excavation - Revised Soil Nail Wall, and Additional Environmental Compliance for Water Quality Monitoring and Soil Testing	\$1,526,724.84	\$33,419,875.02	ACEO	Approved
8	10/17/2022	10/26/2022	Disposal of Regulated and Organic Material	\$80,000.00	\$33,339,875.02	UM	Approved
9	11/14/2022	11/18/2022	3-D Modeling of HLOW Shaft	\$101,101.00	\$33,238,774.02	AOO	Approved
10	12/12/2022	12/19/2022	Monitoring of Additional Piezometer, Supplementary Support for the Transition Zone, DOS Portal Conditions, Partnering	\$1,971,946.48	\$31,266,827.54	ACEO	Approved
11	2/13/2023	12/19/2022	Time Related Overhead Time Impact Analysis 002	\$2,515,330.18	\$28,751,497.36	CEO	Approved
12	2/13/2023	1/19/2023	Increased Quantity of Diversion Tunnel Excavation Class 5	\$1,800,000.00	\$26,951,497.36	ACEO	Approved
13	2/13/2023	2/24/2023	Diversion Outlet Structure (DOS) Energy Dissipation Chamber Grated Access Opening	\$26,000.00	\$26,925,497.36	UM	Approved
14	3/20/2023	4/03/2023	Increased Quantity for 18.5 Foot Diameter Tunnel Excavation Class 5, Increased Quantity for Bid Item No. 2h, 2i, 2j, 2k. Decreased Quantity for Bid Item No. 5a and 5b.	\$156,000.00	\$26,769,497.36	AOO	Approved
15	3/20/2023	4/18/2023	Diversion Outlet Structure CLSM Saturday Premium Time, Diversion Portal Soil Nail Wall Condition	\$436,753.65	\$26,332,743.71	DOO	Approved
16	4/10/2023	5/12/2023	Surge Protection Device for Main Switchgear, CDC 015 Water Quality Instrumentation, Tree Trimming for Pacific Gas & Electric Pole Relocation	\$84,200.00	\$26,248,543.71	AOO	Approved
17	4/10/2023	5/12/2023	Increased Bid Item No. 11A Allowance - Other Wildlife and Fish Species, Specification Section 19.09	\$145,080.00	\$26,103,463.71	AOO	Approved
18	5/15/2023	5/30/2023	Traffic Support for Press Event	\$2,023.00	\$26,101,440.71	AOO	Approved
19	6/30/2023	5/25/2023	Increase Bid Item No. 5x Tunnel Excavation in Transition Zone - Class 5	\$994,500.00	\$25,106,940.71	ACEO	Approved
20	6/30/2023	8/10/2023	18" Hydro Return Line Decommissioning, Low Level Outlet Tunnel Steel Sets Enlargement, DPP8 Boring Survey Assistance, Air Vent Pipe Procurement, CDC 007.3 North Channel FWI Scope 2023, CDC 007.3 North Channel DTDS Scope 2023.	\$1,175,413.01	\$23,931,527.70	ACEO	Approved
21	6/30/2023	7/26/2023	Time Related Overhead Time Impact Analysis 003	\$884,042.66	\$23,047,485.04	ACEO	Approved
22	8/21/2023	7/31/2023	Additional Shotcrete in the Transition Zone, Increase in Bid Item No. 5g – Transition Zone Rock Bolts	\$424,016.00	\$22,623,469.04	DOO	Approved
23	8/21/2023	9/27/2023	Anderson Force Main Galvanic Cathodic Protection, Air Vent Pipe Installation	\$573,874.58	\$22,049,594.46	ACEO	Approved

**Anderson Dam Tunnel Project
Construction Contract Change (CO) Order Status**

CCO #	CIP Committee Date	Approval Date	Description	Amount	Contingency Amount	Approval Level	Status
24	10/16/2023	11/21/2023	Micro-Tunnel Boring Machine (MTBM) Lake Tap Tie Down, Reservoir Log Boom Relocation	\$108,205.00	\$21,941,389.46	AOO	Approved
25	10/16/2023	11/27/2023	North Channel Tree Removal, Allowance Increase for Additional Environmental Compliance for Water Quality Monitoring and Soil Testing, Access Hatch for HLOW Shaft.	\$848,456.00	\$21,092,933.46	ACEO	Approved
26	11/13/2023	12/23/2023	Quantity Increase for Bid Item No. 5d – 24 Foot Diameter Tunnel Excavation Class 3, Quantity Increase for Bid Item No. 5g – Transition Zone Rock Bolts, Allowance Increase for Bid Item No. 11a – Other Wildlife and Fish Species Increase, V-Ditch Extension at 460, Winterization of North Channel Dike 2023	\$833,772.00	\$20,259,161.46	ACEO	Approved
27	12/11/2023	1/04/2024	Cost Increase for DOS Foundation Excavation – Revised Soil Nail Wall ,Quantity Increase for Bid Item No. 5r – Pre-excavation Drilling Within Rock Tunnel.	\$1,341,261.43	\$18,917,900.03	ACEO	Approved
28	12/11/2023	1/19/2024	Quantity Increase for Bid Item 4c Lake-Tap Excavation (Dredging) Microtunnel Boring Machine Landing Pad	\$570,375.00	\$18,347,525.03	ACEO	Approved
29	1/22/2024	12/26/2023	Bid Item Increase 5o - Probing within Rock Tunnel	\$370,800.00	\$17,976,725.03	DOO	Approved
30	1/22/2024	2/14/2024	Revised Motor Control Center (MCCA) Schedule, Additional Telemetry Pull Box, Material Escalation due to Delay in Issuing Notice to Proceed (NTP) 2A/2B, Credit for Hoot Owl Way Landslide Supplemental Work.	-\$1,822,581.61	\$19,799,306.64	ACEO	Approved
31	2/26/2024	3/20/2024	Cost increase for North Channel Dewatering Wells, 2024 Reservoir Log Boom Relocation Allowance, Alternative Initial Lining - Sawtooth Design Method, Concrete Abrasion Testing, Allowance for Trash Rack Foundation Design Changes	\$1,457,191.11	\$18,342,115.53	ACEO	Approved
32	3/18/2024	4/09/2024	Additional Cost for Diversion Outlet Structure (DOS) Rock Anchors Installation, Geological and Phytrophthora Test Pits	\$163,736.00	\$18,178,379.53	AOO	Approved
33	4/22/2024	6/17/2024	Diversion Outlet Structure Roof Top Baffle, Articulated Joint Mockup	\$1,082,734.00	\$17,095,645.53	ACEO	Approved
34	5/20/2024	9/17/2024	North Channel Extension - Dewatering and Dike Design Submittals	\$47,435.00	\$17,048,210.53	UM	Approved
35	4/22/2024	7/05/2024	Coyote Creek Modifications - North Channel	\$10,148,710.20	\$6,899,500.33	CEO	Approved
36	6/17/2024	12/08/2024	Concrete Pad for Generator, Concrete Pad for Main Switchboard (MSA), Differing Site Condition for Dredging Operation	\$2,640,685.00	\$4,258,815.33	CEO	Approved
37	7/15/2024	9/13/2024	Middle Intake Modification, Bid Item Quantity Adjustment (5e, 5o, 5r, 5s, 5t, 5u, 5v), Seismic Pipe Material Deduction	-\$14,948,984.00	\$19,207,799.33	ACEO	Approved
38	8/19/2024	9/28/2024	Bid Item 5c (18.5-foot Diameter Tunnel Excavation – Class 5) Overrun Unit Price Adjustment, Drilling Program Plan 09 (DPP 09) Phase 1, 24-in, 96-in, and 156-in Pipe Extension Material Cost	\$3,799,721.30	\$15,408,078.03	CEO	Approved
39	9/16/2024	11/07/2024	Drilling Program Plan 09 Phase 2, Diversion Outlet Structure Guardrail Kickplate, Time Related Overhead for Time Impact Analysis 004.	\$677,598.98	\$14,730,479.05	ACEO	Approved
40	11/01/2024	12/10/2024	North Channel Hinge Riprap, Coyote Creek Modifications - North Channel Extension, North Channel Extension – Tree Removal and Storage Costs, Increase in Bid Quantity – Bid Item No. 2h, 2i, 2j, and 2k, Credit for Boat Marina Landslide Supplemental Work	\$427,945.00	\$14,302,534.05	ACEO	Approved

**Anderson Dam Tunnel Project
Construction Contract Change (CO) Order Status**

CCO #	CIP Committee Date	Approval Date	Description	Amount	Contingency Amount	Approval Level	Status
41	11/01/2024	12/10/2024	Transition Zone Overrun & Underrun Unit Price Adjustments - Bid Item No. 5g, 5w and 5x, Flexterra 3.75 to 1 Slope and Disposal Pile, Trash Rack Panel Design Change.	\$3,329,997.00	\$10,972,537.05	CEO	Approved
42	12/16/2024	12/18/2024	Migratory Bird LSAA Impact Price Adjustment, Bid Item 11a - Other Wildlife and Fish Species Allowance Increase, Time Impact Analysis (TIA) 005, Bid Item Quantity Adjustment (8d)	-\$360,104.37	\$11,332,641.42	DOO	Approved
43	12/16/2024	12/18/2024	Temporary Power for Tunneling Operations.	\$2,200,000.00	\$9,132,641.42	ACEO	Approved
-	-	1/28/2025	CONTRACT CONTINGENCY FUND INCREASE (\$40,000,000)	-	\$49,132,641.42	Board	Approved
44	1/21/2025	3/06/2025	24" and 96" Steel Pipe Extension Installation Cost	\$1,537,230.00	\$47,595,411.42	ACEO	Approved
45	1/21/2025	3/06/2025	Bid Item No. 5b – 18.5 Foot Diameter Tunnel Excavation Class 4, Unit Price Adjustment, Bid Item No. 11b Increase – Sensitive Plants and Vegetation, Increase to Bid Items 2h, 2i, 2j and 2k, North Channel Boulder Import Costs, Mine Rescue Team.	\$1,249,281.72	\$46,346,129.70	ACEO	Approved
46	2/18/2025	2/28/2025	Time Related Overhead for Time Impact Analysis (TIA) 005	\$4,000,730.10	\$42,345,399.60	CEO	Approved
47	2/18/2025	5/15/2025	Trash Rack Foundation Design Changes Allowance Overrun, North Weir Over Excavation and Test Pits, Specialized Pipe Support Embeds Material Cost	\$1,076,251.10	\$41,269,148.50	ACEO	Approved
48	3/05/2025	6/18/2025	Revised Final Tunnel Lining	\$16,340,862.00	\$24,928,286.50	CEO	Approved
49	3/17/2025	5/12/2025	North Weir Mud Mat Roughening	\$23,490.00	\$24,904,796.50	AOO	Approved
50	5/19/2025	5/22/2025	Time Impact Analysis (TIA) 006, South Channel Tree Removal, North Channel Extension - Tree Removal Overrun, Expansion Joint for North Channel Weir	\$115,796.00	\$24,789,000.50	AOO	Approved
51	5/19/2025	9/16/2025	Articulated Joint Mock-up Extras, Coyote Creek Modifications - South Channel, Decommissioning of North Channel Wells, Increase to Bid Item 2e Operate ATS, Allowance increase for Additional Environmental Compliance for Water Quality Monitoring and Soil Testing, Additional Conduit and Wiring Between ATS and Generator, Removal of Milestone 3 Waterline Scope, MTBM Chamber 96-inch Pipe Material Credit, LLOT Pipe Support Embed Installation	\$2,467,509.38	\$22,321,491.12	CEO	Approved
52	6/16/2025	8/14/2025	Revised SWPPP Development, North Channel Extension Additional Dewatering	\$245,838.00	\$22,075,653.12	AOO	Approved
53	7/31/2025	12/17/2025	Tunnel Ventilation for Final Tunnel Lining	\$619,000.00	\$21,456,653.12	ACEO	Approved
54	7/31/2025	9/02/2025	Bid Item 11a - Other Wildlife and Fish Species Allowance Increase	\$250,000.00	\$21,206,653.12	AOO	Approved

**Anderson Dam Tunnel Project
Construction Contract Change (CO) Order Status**

CCO #	CIP Committee Date	Approval Date	Description	Amount	Contingency Amount	Approval Level	Status
55	8/18/2025	10/28/2025	Hydroseed Mix for South Channel Erosion Control, Allowance Increase for Additional Environmental Compliance for Water Quality Monitoring and Soil Testing, Archeological Compliance Test Pits, Time Related Overhead (TRO) for TIA 006 Through Tunnel Final Lining (September 2025 - April 2026)	\$4,527,970.00	\$16,678,683.12	CEO	Approved
56	9/29/2025	12/17/2025	Increase to Bid Items 2h, 2i, 2j and 2k; Monitoring of Piezometer VW-3DP.	\$667,103.80	\$16,011,579.32	ACEO	Approved
57	10/20/2025	1/06/2026	Bid Item No. 5y –Tunneling Standby Credit and Increase to Bid Item No. 2e – Operate Active Treatment System	-\$530,000.00	\$16,541,579.32	AOO	Approved
58	12/15/2025	12/19/2025	LLOT Bid Item No.5d &5f (24 foot Diameter Tunnel Excavation - Class 3 & 5) Overrun & Underrun	\$3,189,529.71	\$13,352,049.61	CEO	Approved
59	12/15/2025	3/11/2026	Bid Item No. 5p Waterproofing Membrane and Drainage Collection System Changes	-\$36,867.00	\$13,388,916.61	DOO	Approved
60	1/26/2026	4/01/2026	Transition Zone Pipe Extension and Contraction Zone	\$1,215,448.00	\$12,173,468.61	ACEO	Approved
*61	12/15/2025	TBD	Stop Log Expedited Delivery; Ultrasonic Testing of Microtunneling Pipe Welds	\$62,194.00	\$12,111,274.61	AOO	Pending
*62	3/16/2026	TBD	Installation of Large Diameter Pipe Outside of the Tunnel	\$4,500,000.00	\$7,611,274.61	CEO	Pending
63	4/20/2026	TBD	Time Related Overhead for Time Impact Analysis (TIA) 006 Through Construction Completion; Decrease to Bid Item No. 2e - Operate Active Treatment System	\$3,560,129.25	\$4,051,145.36	CEO	Pending
DCO #	CIP Committee Date	Approval Date	Description	Amount	Contingency Amount	Approval Level	Status
1	09/26/22	10/05/22	Milestone 7, 9, and 10 Completion Revisions	\$0.00	\$4,051,145.36	UM	Approved

* indicates changes in pending CCO description and/or cost since previous report. See corresponding memo for details.

New CCOs for CIP Committee

Pending CCO #	CIP Committee Date	Approval Date	Description	Amount	Contingency Amount	Approval Level	Status
64	5/20/2026	TBD	Diversion Tunnel Steel Liner and Concrete Backfill - Additional Scope and Escalation	\$1,200,000.00	\$2,851,145.36	ACEO	Pending

Total COs Approved	61	Total	\$67,826,531.39	\$12,173,468.61			
Total COs Pending	4	Total	\$9,322,323.25	\$2,851,145.36			

Total Number of COs (Approved & Pending)	Total Amount of COs (Approved & Pending)
65	\$77,148,854.64

Anderson Dam Tunnel Project - Construction Contract Financials

Bid Item No.	Description	Amount	Balance Remaining	Billing Through March 2026	
				Percent (%)	Amount
1	MOBILIZATION AND DEMOBILIZATION	\$ 16,150,000.00	\$ 1,760,250.00	89.1%	\$ 14,389,750.00
2	SITE PREPARATION	\$ 5,713,000.00	\$ 143,757.78	97.5%	\$ 5,569,242.22
3	DIVERSION PORTAL	\$ 6,173,496.00	\$ 252,206.40	95.9%	\$ 5,921,289.60
4	LAKE-TAP PORTAL	\$ 4,215,000.00	\$ 1,575.00	100.0%	\$ 4,213,425.00
5	TUNNEL EXCAVATION AND LINING	\$ 47,438,325.00	\$ 1,610,300.00	96.6%	\$ 45,828,025.00
6	SHAFT EXCAVATION AND LINING	\$ 10,100,000.00	\$ 3,618,826.21	64.2%	\$ 6,481,173.79
7	MICROTUNNEL	\$ 9,982,000.00	\$ 24,008.00	99.8%	\$ 9,957,992.00
8	DIVERSION OUTLET STRUCTURE	\$ 48,678,550.00	\$ 9,947,996.64	79.6%	\$ 38,730,553.36
9	COYOTE CREEK MODIFICATIONS	\$ 6,421,550.00	\$ -	100.0%	\$ 6,421,550.00
10	SUPPLEMENTAL WORK ITEMS	\$ 5,668,400.00	\$ 110,629.00	98.0%	\$ 5,557,771.00
11	ALLOWANCES	\$ 600,000.00	\$ 31,590.09	94.7%	\$ 568,409.91
		Total Original Contract Amount	Total Balance Remaining	Percent (%) Billed	Total Billed To Original Contract Amount
		\$ 161,140,321.00	\$ 17,501,139.12	89%	\$ 143,639,181.88

CCOs	Description	Amount	Balance Remaining	Billing Through March 2026	
				Percent (%)	Amount
CCO 1-59	CONTRACT CHANGE ORDERS (CCO)	\$ 67,826,531.45	\$ 4,606,324.65	93%	\$ 63,220,206.80
		Total Contract Amount Including CCOs	Total Balance Remaining Including CCOs	Total Percent (%) Billed Including CCOs	Total Billed Including CCOs
		\$ 228,966,852.45	\$ 22,107,463.77	90%	\$ 206,859,388.68

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Santa Clara Valley Water District

File No.: 26-0419

Agenda Date: 5/18/2026

Item No.: 4.4.

COMMITTEE AGENDA MEMORANDUM Capital Improvement Program Committee

Government Code § 84308 Applies: Yes ☐ No ☒
(If "YES" Complete Attachment A - Gov. Code § 84308)

SUBJECT:

Receive and Discuss Information Regarding the Anderson Dam Seismic Retrofit Project Proposed Contingency Fund and Delegated Authority Levels for Contract Change Orders.

RECOMMENDATION:

Receive and discuss information regarding the Anderson Dam Seismic Retrofit Project proposed contingency fund and delegated authority levels for contract change orders.

SUMMARY:

On September 23, 2025, the Board of Directors adopted the Plans and Specifications and authorized advertisement for bids for construction of Anderson Dam Seismic Retrofit Project (ADSRP), including authorization for the Designated Engineer to issue addenda during the bidding process. The procurement process is ongoing for ADSRP, with bid opening scheduled for June 24, 2026, and Board consideration of contract award scheduled for July 2026.

In preparation for contract award, staff has developed a recommended approach for contingency funding and delegated authority for change orders. Due to the unprecedented scale and complexity of ADSRP, staff recommends a modified approach to contingency funding that differs from Valley Water standard practice.

Project Background

The Anderson Dam Seismic Retrofit Project (ADSRP) is a critical infrastructure project that will correct seismic deficiencies and otherwise meet all current Federal Energy Regulatory Commission (FERC) and California Department of Water Resources, Division of Safety of Dams (DSOD) dam safety design standards. The full reservoir capacity will be restored upon completion of the Project.

Implementation of ADSRP will result in a more seismically safe dam that will allow Valley Water to refill Anderson Reservoir and better carry out water supply and groundwater recharge activities. The ADSRP will remove and replace most of the existing dam with a well-compacted, zoned embankment dam; construct a new low-level outlet and a new high-level outlet to meet DSOD requirements for

emergency drawdown of the reservoir; remove, replace, and extend the existing concrete spillway to safely pass the probable maximum flood; and make other improvements to Anderson Dam.

ADSRP is a uniquely complex project with a seven-year construction duration (2027 to 2033), followed by a two-year plant establishment and maintenance period.

Contingency Funds

As noted in the Notice to Bidders, the estimated construction cost for ADSRP is projected to range from approximately \$1.2 billion to \$2 billion. While the procurement process is ongoing, the final contract amount is not yet known. For most Valley Water capital projects, the Board typically approves a contingency amount equal to 10% of the construction contract value. Applying this standard approach to ADSRP would result in a contingency ranging from approximately \$120 million to \$200 million at the time of award.

Given the magnitude of the Project and the uncertainty of the pending final contract value, staff recommends a different approach by approving a lower initial contingency amount than the standard 10%.

Staff recommends the Board approve an initial contingency fund of \$50,000,000 for ADSRP. This approach will allow staff to quickly address unforeseen or changed site conditions and other unanticipated occurrences without causing unnecessary delays or additional costs to the Project. This approach will also avoid over-encumbering funds at the time of contract award given the large contract value. Considering the long duration of the Project, this approach allows the Board to maintain oversight and provides flexibility to consider additional contingency, if needed, as construction progresses.

The recommended contingency of \$50,000,000 represents approximately 4.2% of a \$1.2 billion construction contract, or 2.5% of a \$2 billion contract for ADSRP.

The recommended contingency amount is based on an estimate of known and unknown risks, such as:

1. Unanticipated variances in quantities and cost of various lump sum items estimated in the Bid Proposal;
2. Differing site conditions;
3. Concealed field conditions or ones that differ from the baseline or as-built information used in the preparation of Project Contract Documents; and
4. Mandatory coordination processes and consultation with regulatory agencies overseeing the Project.

In addition to the risks mentioned above, construction costs could exceed the contingency amount approved by the Board, based on additional circumstances including:

-
1. Design changes required by regulatory agencies (FERC and DSOD)
 2. Permit compliance changes from the environmental regulatory agencies
 3. Changes due to unforeseen conditions and impacts during construction requiring resequencing and acceleration of work to maintain the Project schedule.
 4. The Contract includes a \$25 million incentive for the Contractor if the critical Year 4 milestone of dam reconstruction is achieved on time. This would be issued as a Contract Change Order, presented to the Board of Directors prior to approval.

Given the scale, complexity, duration, and regulatory oversight of ADSRP, it is likely that additional contingency may be required in the future. Any additional funding requests would be brought to the Board for consideration at the appropriate time.

Delegated Approval Authority

Based on recent Valley Water projects, delegated authority levels have varied depending on project size and complexity. Given the scale of ADSRP, staff recommends the following delegated authority levels for approval of individual construction change orders:

Unit Manager: Up to \$500,000

Assistant Operating Officer: Up to \$1,000,000

Deputy Operating Officer: Up to \$1,500,000

Assistant Chief Executive Officer: Up to \$5,000,000

Chief Executive Officer: Up to \$10,000,000

The recommended delegated authority levels reflect the scale, complexity, and regulatory environment of ADSRP and are intended to support timely decision-making. Additionally, the Board retains control through approval of the overall contingency amount, and any additional contingency would require Board approval.

For comparison, Table 2 below summarizes delegated authority levels approved by the Board for recent large construction projects valued over \$100,000,000.

Table 2

Approval Authority	Anderson Dam Seismic Retrofit Project	Rinconada WTP Reliability Improvement (Phases 3–6)	Anderson Dam Tunnel Project	Upper Llagas Creek Flood Protection Project Phase 2B
Original Award Amount	\$1.2 – \$2.0 Billion Estimated	\$303,900,000	\$161,140,321	\$129,274,180
Unit Manager	\$500,000	\$250,000	\$100,000	\$100,000
Assistant Operating Officer	\$1,000,000	N/A	\$250,000	N/A
Deputy Operating Officer	\$1,500,000	\$500,000	\$500,000	\$250,000
Assistant Chief Executive Officer	\$5,000,000	\$2,500,000	\$2,500,000	\$1,000,000
Chief Executive Officer	\$10,000,000	\$5,000,000	\$5,000,000	\$5,000,000

As shown above, the proposed delegated authority levels for ADSRP exceed those approved for previous projects. These higher thresholds are appropriate due to the following factors:

Project Scale and Proportionality

Due to the overall size of the construction contract, ADSRP will incur significantly higher monthly construction expenditures than previous Valley Water projects of similar duration. Even when spread over multiple years, the magnitude of work results in substantially larger dollar values being expended on a routine basis. As a result, individual change orders are also likely to be larger in value, supporting the need for higher delegated approval authority to maintain efficient project delivery.

Schedule Sensitivity and Cost Control

Construction of ADSRP involves highly sequenced and interdependent activities, including dam excavation, embankment reconstruction, tunnel and shaft excavation with final concrete lining, and spillway replacement, all performed under strict regulatory inspection requirements. Certain work activities cannot proceed until inspections are completed and required modifications are addressed.

Delays in approving change orders can halt work, disrupt construction sequencing, and impact the overall schedule. For a project of this scale, even minor impacts or delays can result in significant cost impacts. Higher approval thresholds allow staff to respond promptly, minimize disruptions, and control overall project costs.

Regulatory Oversight and Complex Construction Risks

The Project is subject to ongoing oversight by FERC and DSOD, which may require timely modifications during construction. In addition, ADSRP includes major excavations, dam modifications, and demolition of the existing spillway and other structures under variable site conditions, increasing the likelihood of unforeseen conditions that require timely responses to maintain progress and safety.

These adjustments are necessary to ensure timely decision-making in the field and to avoid delays that could increase overall project costs.

ENVIRONMENTAL JUSTICE IMPACT:

There are no environmental justice impacts associated with this item.

ATTACHMENTS:

None

UNCLASSIFIED MANAGER:

Ryan McCarter, 408-630-2983



Santa Clara Valley Water District

File No.: 26-0440

Agenda Date: 5/18/2026

Item No.: 4.5.

COMMITTEE AGENDA MEMORANDUM Capital Improvement Program Committee

Government Code § 84308 Applies: Yes ☒ No ☐
(If "YES" Complete Attachment A - Gov. Code § 84308)

SUBJECT:

Receive Information on Upcoming Consultant Agreement Amendments for Capital Projects.

RECOMMENDATION:

Receive information on upcoming consultant agreement amendments for capital projects.

SUMMARY:

At the March 28, 2017, meeting, the Board of Directors approved revising the Capital Improvement Program (CIP) Committee's purpose to include monitoring the implementation progress of key projects in the CIP. At their June 29, 2020 meeting, the CIP Committee requested that this topic be added as a standing item on all future CIP Committee meeting agendas and that staff provide updates on consultant agreement amendments for capital projects, which may include modifications to scope, schedule, and/or budget.

There is one consultant agreement amendment for capital projects presented in this memorandum for the Committee's information:

1. Amendment No. 2 to Agreement A4932A with Stillwater Sciences for Regulatory Permitting Services for the Anderson Dam Seismic Retrofit Project No. 91864005 (Cost, Scope) (R. McCarter)

Valley Water staff will recommend Board approval of Amendment No. 2 to Agreement No. A4932A with Stillwater Sciences (Consultant) for regulatory permitting services for the Anderson Dam Seismic Retrofit Project (ADSRP) No. 91864005 to add to the existing scope and increase the not-to-exceed (NTE) fee by \$1,251,113, for a revised total NTE fee of \$4,169,706.

The ADSRP addresses dam safety concerns related to the performance of Anderson Dam. Anderson Reservoir has been operated under restriction since December 2008. Upon completion of the ADSRP, Anderson Reservoir will return to its original storage capacity.

Pursuant to Agreement No. A4932A, the Consultant is currently performing regulatory permitting services for the ADSRP. The consultant has been providing biological monitoring support, fisheries and water quality permitting and planning support, and engineering design support for the Federal Energy Regulatory Commission (FERC) Order Compliance Project (FOCP) and ADSRP. FOCP is the interim risk reduction measures ordered by FERC to maintain Anderson Reservoir at the elevation of no higher than 565 feet, begin lowering the reservoir to elevation 488 feet by October 1, 2020, construct the Anderson Dam Tunnel Project, and implement avoidance and minimization measures. ADSRP is the project that follows the implementation of FOCP that would seismic retrofit Anderson Dam.

Amendment No. 2 will allow the Consultant to continue providing support for regulatory permitting and compliance for ADSRP, including biological monitoring, fisheries and water quality permitting, as well as planning and engineering design support through December 31, 2028.

Government Code § 84308 Applies: Yes ☒ No ☐

ENVIRONMENTAL JUSTICE IMPACT:

There are no environmental justice impacts associated with this action.

ATTACHMENTS:

Attachment A - Gov. Code § 84308

UNCLASSIFIED MANAGER:

Ryan McCarter, 408-630-2983

Attachment A
Government Code §84308

Receive Information on Upcoming Consultant Agreement Amendments for Capital Projects.

List of Parties and Their Agents/Representatives Known to Staff

<u>Organization Name</u>	<u>Name</u>	<u>Role</u>	<u>Location</u>
Stillwater Sciences	Sapna Khandwala	Contract Oversight	2855 Telegraph Avenue, Suite 400 Berkeley, CA 94705

List of Participants and Their Agents/Representatives Known to Staff

<u>Organization Name</u>	<u>Name</u>	<u>Role</u>	<u>Location</u>
Stillwater Sciences	Ethan Bell	Quality Control/Senior Oversight Fisheries	895 Napa Ave, Suite B-3 Morro Bay, CA 93442
Stillwater Sciences	Katherine Ayres	Project Manager	279 Cousteau Place #400 Davis, CA 95618
GEI Inc.	Structural Engineering	Tunnel analyses and designs for the new outlet works	Krishna Amirineni 11010 White Rock Road, Suite 200 Rancho Cordova, CA 95670

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Santa Clara Valley Water District

File No.: 26-0392

Agenda Date: 5/18/2026

Item No.: 4.6.

COMMITTEE AGENDA MEMORANDUM **Capital Improvement Program Committee**

Government Code § 84308 Applies: Yes ☐ No ☒
(If "YES" Complete Attachment A - Gov. Code § 84308)

SUBJECT:

Review 2026 Capital Improvement Program Committee Work Plan.

RECOMMENDATION:

Review the 2026 Capital Improvement Program Committee Work Plan and make adjustments as necessary.

SUMMARY:

Work Plans are created and implemented by all Board Committees to increase Committee efficiency, provide increased public notice of intended Committee discussions, and enable improved follow-up by staff. Work Plans are dynamic documents managed by Committee Chairs and are subject to change. Committee Work Plans also serve to assist in preparing an Annual Committee Accomplishments Reports.

Discussion of topics as stated in the Plan have been described based on information from the following sources:

- Items referred to the Committee by the Board;
- Items requested by the Committee to be brought back by staff;
- Items scheduled for presentation to the full Board of Directors and
- Items identified by staff.

Regular monthly meetings are scheduled to occur at 11:00 a.m., on the third Monday of each month, or at the call of the Committee Chair.

Establishing a work plan and meeting schedule is necessary to provide staff with a basis for meeting planning, logistics coordination, and agenda item preparation. Attachment 1 is the 2026 CIP committee work plan for review and comment by the CIP Committee.

ENVIRONMENTAL JUSTICE IMPACT:

There are no environmental justice impacts associated with this item. This action is unlikely to or will not result in human health or environmental effects.

ATTACHMENTS:

Attachment 1: 2026 CIP Committee Work Plan

UNCLASSIFIED MANAGER:

Wendy Ho, 408-630-3874

CIP Committee 2026 Work Plan

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Capital Project Monitoring													
Feasibility/Planning	X			X			X				X		
Design/Permitting		X		X				X				X	
Construction		X				X				X			X
Environmental Permit Compliance (Post Construction)						X							
CIP Implementation													
Coyote Creek Chillers Project	X												
Moffett Fish Ladder Feasibility Report	X												
Water Treatment Plant Master Plan Implementation Project presentation		X											
Upper Guadalupe River Implementation Strategy			X										
ADSRP Construction Contract Change Order Authority				X									
Calabazas/San Tomas Aquino Creek Staff Recommended Alternative				X									
Ogier Ponds Planning Study Report					X								
FAHCE Implementation Plan: Non-Flow Measures						X							
Coyote Dam Seismic Stability Project Alternatives Update										X			
CIP Development													
CIP Development Process													
• Annual CIP Development Process/Integrated Financial Planning Schedule										X			
• Review of Initially Validated and Unfunded Projects											X		
CIP Preliminary Five-Year Plan Review													X
• Review Significant Project Plan Updates													X
Standing Items													
Anderson Dam Tunnel Project Contingency and Change Order Monitoring	X	X	X	X	X	X	X	X	X	X	X	X	X
Upcoming Consultant Agreement Amendments	X	X	X	X	X	X	X	X	X	X	X	X	X
Workplan	X	X	X	X	X	X	X	X	X	X	X	X	X
Minutes	X	X	X	X	X	X	X	X	X	X	X	X	X
Annual Election of Committee Officer	X												

Canceled

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