

November 19, 2020

**TO: SAFE, CLEAN WATER AND NATURAL FLOOD PROTECTION PROGRAM,
INDEPENDENT MONITORING COMMITTEE**

<u>Jurisdiction</u>	<u>Member</u>	<u>Member</u>
District 1	Susan Kazemi	Rosalinda Zepeda
District 2	Kathleen Sutherland	Huy Tran
District 3	Rolane Santos (to be confirmed 11/24/2020)	(to be confirmed 11/24/2020)
District 4	Jason Baker	Hon. Joe Head
District 5	Bill Hoeft	George Fohner
District 6	Hon. Patrick S. Kwok	Hon. Dan McCorquodale
District 7	Tess Byler	Kit Gordon

The Safe, Clean Water and Natural Flood Protection Program, Independent Monitoring Committee meeting is scheduled to be held on **Wednesday, December 2, 2020, at 4:00 p.m.**, Via Zoom <https://valleywater.zoom.us/j/93168405874>.

Enclosed are the meeting agenda and corresponding materials. Copies of this packet will be available at the meeting. The meeting packet can also be viewed on-line at <https://www.valleywater.org/project-updates/safe-clean-water-and-natural-flood-protection-program/safe-clean-water-program-independent-monitoring-committee>.

Please confirm your attendance **no later than 3:00 p.m., Monday, November 30, 2020**, by contacting Glenna Brambill at 1-408-630-2408, or gbrambill@valleywater.org.

Enclosures

Join Zoom Meeting

<https://valleywater.zoom.us/j/93168405874>

Meeting ID: 931 6840 5874

One tap mobile

+16699009128,,93168405874# US (San Jose)

Dial by your location

+1 669 900 9128 US (San Jose)

Meeting ID: 931 6840 5874



Santa Clara Valley Water District SCW Independent Monitoring Committee Meeting

Teleconferencing Zoom

Join Zoom Meeting

<https://valleywater.zoom.us/j/93168405874>

REGULAR MEETING AGENDA

**Wednesday, December 2, 2020
4:00 PM**

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

SAFE, CLEAN WATER
INDEPENDENT MONITORING
COMMITTEE

COMMITTEE OFFICERS:
Kit Gordon, Committee Chair
Bill Hoeft, Committee Vice Chair

All public records relating to an 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 for public inspection at the Office of the Clerk of the Board at the Santa Clara Valley Water District Headquarters Building, 5700 Almaden Expressway, San Jose, CA 95118, 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 attend IMC meeting. Please advise the Clerk of the Board Office of any special needs by calling (408) 265-2600.

Glenna Brambill,
Committee Liaison
gbrambill@valleywater.org

BOARD REPRESENTATIVES:
Nai Hsueh, Board Representative
Tony Estremera, Board Alternate

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
SCW Independent Monitoring Committee
REGULAR MEETING
AGENDA

Wednesday, December 2, 2020

4:00 PM

Teleconferencing Zoom

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" or "Chat" tools 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.

1. **Call to Order.**
2. **Roll Call.**

3. **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" or "Chat" tools 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 two 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.*
4. **Election of Chair and Vice Chair.** [20-1024](#)
Recommendation: Elect the 2021 Chair and Vice Chair
Est. Staff Time: 10 Minutes
5. **Approval of Minutes.** [20-1025](#)
Recommendation: Approve 02122020 SCW IMC Meeting Minutes
Attachments: [Attachment 1: 02122020 SCW IMC DRAFT Mins](#)
Est. Staff Time: 5 Minutes
6. **Independent Monitoring Committee (IMC) Requested Presentations and Information.** [20-1026](#)

Recommendation: Receive project updates as requested by the IMC during its Year 6 review cycle.
Attachments: [Attachment 1: IMC Anderson ppt](#)
[Attachment 2: Coyote Creek presentation.pptx](#)
[Attachment 3: Shoreline ppt](#)
[Attachment 4: Salt Ponds ppt](#)
Est. Staff Time: 20 Minutes
7. **Safe, Clean Water and Natural Flood Protection Program Independent Monitoring Committee Review Process and Schedule for Fiscal Year 2020 Annual Report.** [20-1027](#)

Recommendation: Receive information regarding the Safe, Clean Water report cycle and Subcommittee schedule dates for review and reporting, as requested by the Committee.
Attachments: [Attachment 1: SCW FY20 Annual Report ppt](#)
[Attachment 2: SCW IMC Subcommittee](#)
Est. Staff Time: 15 Minutes

8. Annual Report Finalization and Next Steps.

[20-1028](#)

Recommendation: Receive and approve proposed schedule for finalizing the Independent Monitoring Committee (IMC) Annual Report and presentation of the Report to the Board of Directors.

Attachments: [Attachment 1: Review Tentative Schedule 20-1028](#)

Est. Staff Time: 10 Minutes

9. Outcome of Public Hearing on the Proposed Modifications to Project E6: Upper Llagas Creek Flood Protection Project.

[20-1047](#)

Recommendation: Receive Overview on Outcome of Public Hearing on the Proposed Modifications to Project E6: Upper Llagas Creek Flood Protection Project; and the Board decision on funding Coyote Creek Flood Protection (Other) and E4: Upper Penitencia Creek Flood Protection Projects of the Safe, Clean Water and Natural Flood Protection Program.

Attachments: [Attachment 1: Upper Llagas Creek KPI Modification.pdf](#)

Est. Staff Time: 15 Minutes

10. 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.

11. ADJOURN:

11.1 Adjourn to Regular Meeting at 4:00 p.m., on Wednesday, January 27, 2021.




Santa Clara Valley Water District

File No.: 20-1024

Agenda Date: 12/2/2020

Item No.: 4.

		
	Meeting Date:	12-2-2020
	Item No.	4
	Unclassified Manager:	Michele King 1-408-630-2711
SAFE, CLEAN WATER INDEPENDENT MONITORING COMMITTEE		

SUBJECT: Election of Chair and Vice Chair.

RECOMMENDATION:

Elect the 2021 Chair and Vice Chair

SUMMARY:

Per the Board Resolution, the duties of the Chair and Vice-Chair are as follows:

The officers of each Committee shall be a Chairperson and Vice-Chairperson, both of whom shall be members of that Committee. The Chairperson and Vice-Chairperson shall be elected by the Committee, each for a term of one year commencing on January 1 and ending on December 31 and for no more than two consecutive terms. The Committee shall elect its officers at the first meeting of the calendar year. All officers shall hold over in their respective offices after their term of office has expired until their successors have been elected and have assumed office.

The Chairperson shall preside at all meetings of the Committee, and he or she shall perform other such duties as the Committee may prescribe consistent with the purpose of the Committee.

The Vice-Chairperson shall perform the duties of the Chairperson in the absence or incapacity of the Chairperson. In case of the unexpected vacancy of the Chairperson, the Vice-Chairperson shall perform such duties as are imposed upon the Chairperson until such time as a new Chairperson is elected by the Committee.

Should the office of Chairperson or Vice-Chairperson become vacant during the term of such office, the Committee shall elect a successor from its membership at the earliest meeting at which such election would be practicable, and such election shall be for the unexpired term of such office.

Should the Chairperson and Vice-Chairperson know in advance that they will both be absent from a

meeting, the Chair may appoint a Chairperson Pro-tempore to preside over that meeting. In the event of an unanticipated absence of both the Chairperson and Vice-Chairperson, the Committee may elect a Chairperson Pro-tempore to preside over the meeting in their absence.

ATTACHMENTS:

None.



Santa Clara Valley Water District

File No.: 20-1025

Agenda Date: 12/2/2020

Item No.: 5.



	Meeting Date:	12-2-2020
	Item No.	5
	Unclassified Manager:	Michele King 1-408-630-2711
SAFE, CLEAN WATER INDEPENDENT MONITORING COMMITTEE		

SUBJECT: Approval of Minutes.

RECOMMENDATION:

Approve 02122020 SCW IMC Meeting Minutes

SUMMARY:

A summary of Committee discussions, and details of all actions taken by the Committee, during all open and public Committee meetings, is transcribed and submitted for review and approval.

Upon Committee 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: 02122020 SCW IMC Draft Meeting Mins



SAFE, CLEAN WATER AND NATURAL FLOOD PROTECTION PROGRAM
INDEPENDENT MONITORING COMMITTEE

DRAFT MINUTES

WEDNESDAY, FEBRUARY 12, 2020

(Paragraph numbers coincide with agenda item numbers)

A regularly scheduled meeting of the Safe, Clean Water and Natural Flood Protection Program Independent Monitoring Committee was held on February 12, 2020, in the Headquarters Building Conference Room A143 located at the Santa Clara Valley Water District, 5700 Almaden Expressway, San Jose, California.

1. CALL TO ORDER

Chair Kit Gordon called the meeting to order at 4:01 p.m.

2. ROLL CALL

A quorum was not established with 6 Members present.

Members in attendance were:

<u>Jurisdiction</u>	<u>Representative</u>	<u>Representative</u>
District 2	Kathleen Sutherland*	
District 5	Bill Hoeft	Eileen McLaughlin
District 6	Hon. Patrick S. Kwok	Hon. Dan McCorquodale
District 7	Tess Byler	

Member not in attendance was:

<u>Jurisdiction</u>	<u>Representative</u>
District 1	Susan Kazemi
District 3	Hon. Tara Martin-Milius
	Hon. Carmen Montano
District 4	Hon. Joe Head

*Committee Member arrived as indicated below.

Staff members in attendance were: Glenna Brambill, Jessica Collins, Meenakshi Ganjoo, Alexander Gordon, Chad Grande, Christopher Hakes, Jeannine Larabee, Brian Mendenhall, Ngoc Nguyen, Melanie Richardson, Ashley Taylor, Sue Tippetts, Sherilyn Tran, and Kristen Yasukawa.

2. PUBLIC COMMENT

There was no one present who wished to speak.

Attachment 1
Page 1 of 4

Chair Gordon moved to Agenda item 6.

6. REPORT DRAFTING COMMITTEE PRESENTS DRAFT FINAL IMC REPORT

A. REVIEW AND APPROVE FINAL IMC REPORT

Chair Gordon reviewed the materials as outlined in the agenda.

*Ms. Kathleen Sutherland arrived at 4:12 p.m. Quorum was established.

Mr. Bill Hoeft, Ms. Eileen McLaughlin, Hon. Patrick S. Kwok, Ms. Kathleen Sutherland, Ms. Tess Byler discussed; making edits to the letter, funding section, members' commitment, need to have everyone engaged during the subcommittee meetings for input, minor comments on the grant administration issues, providing metrics to the Full Board, #2 under grants, need place for notes, value judgment ask it in a different way, grantee can express hours spent-excessive reporting, auditor-desk audit on the grants, formatting issues on metrics, comparing previous years with current year, Finance Committee, process to filling committee vacancies (nominate, outreach and actively recruit), flood protection, .

Ms. Glenna Brambill reviewed vacancy process and that the Directors are the ones that fill their respective Districts.

Ms. Sherilyn Tran and Ms. Jessica Collins were available to answer questions.

Chair Gordon reviewed potential tour sites, Anderson Dam, Coyote Creek Flood Upper Penitencia, Shoreline, Upper Llagas, presentation on Bond update, Almaden Lake.

Ms. Melanie Richardson advised of the grand opening of McKelvey Park on February 29, 2020

Ms. Jessica Collins reviewed the materials on the Safe, Clean Water Projects, grant projects, audit, presentation.

Committee Members, Hon. Patrick S. Kwok and Ms. Eileen Laughlin asked about: San Francisquito Creek Project, Shoreline/Salt Ponds Project would be great projects for presentation/tours.

The Committee took the following action:

It was moved by Hon. Patrick S. Kwok, and seconded by Ms. Kathleen Sutherland and unanimously carried to approve the report making all the edits and corrections.

Chair Gordon moved to Agenda item 5.

5. OPPORTUNITIES TO ENHANCE AND UPDATE THE SAFE, CLEAN WATER AND NATURAL FLOOD PROTECTION PROGRAM BY EVALUATING A FUTURE FUNDING MEASURE.

Mr. Brian Mendenhall reviewed the materials as outlined in the agenda.

The Committee (Ms. Eileen McLaughlin, Hon. Patrick S. Kwok and Chair Kit Gordon) discussed the following issues: funding shortfalls, no external funding, not communicated to the public well, completion from other agencies rely on federal grants, secure of local funds for projects, why now, sea level rise, and review of partial letter.

Ms. Jessica Collins advised that SCW IMC will be invited to the Blue Ribbon Forum in April 2020.

Ms. Melanie Richardson was available to answer questions.

The Committee took no action.

Chair Kit Gordon moved to Agenda Item 3.

3. APPROVAL OF MINUTES APPROVE THE 120419 AND 01222020 SCW IMC MEETING MINUTES

It was moved by Ms. Tess Byler and seconded by Ms. Kathleen Sutherland and by majority vote carried to approve the minutes of the December 4, 2019, Safe, Clean Water and Natural Flood Protection Program Independent Monitoring Committee meeting as presented. Ms. Kit Gordon abstained.

It was moved by Ms. Tess Byler and seconded by Ms. Kathleen Sutherland and by majority vote carried to approve the minutes of the January 22, 2020, Safe, Clean Water and Natural Flood Protection Program Independent Monitoring Committee meeting, noting the change of meeting date from January 29, 2020 to January 22, 2020.

Hon. Patrick S. Kwok left at 5:07 p.m. and did not return. (loss of quorum)

4. VIGNETTES OF SAFE, CLEAN WATER PROJECTS (VIDEO)

The video snippets were shown by the following presenters and locations:

San Francisquito Creek – Mr. Kevin Murray
McKelvey Park – Ms. Lotina Nishijima
Los Gatos Creek – Mr. Chris Van Amburg

The Committee took no action.

Chair Kit Gordon moved to Agenda Item 7.

7. NEXT STEPS

a. February 25, 2020, IMC Chair presents Final IMC Report to Board

Chair Kit Gordon mentioned that she will be presenting the final report to the Board on February 25, 2020, 6:00 p.m.

The Committee took no action.

8. CLERK REVIEW AND CLARIFICATION OF COMMITTEE REQUESTS.

Ms. Glenna Brambill reported on agenda item for Board Consideration.

Agenda 6

The Committee took the following action:

The Committee approved the final report making all the edits and corrections.

9. ADJOURNMENT

Chair Kit Gordon adjourned the meeting at 5:14 p.m. to the next scheduled meeting on Wednesday, December 2020, at 4:00 p.m., in the Santa Clara Valley Water District Headquarters Boardroom, 5700 Almaden Expressway, San Jose CA.

Glenna Brambill
Board Committee Liaison
Office of the Clerk of the Board

Approved:




Santa Clara Valley Water District

File No.: 20-1026

Agenda Date: 12/2/2020

Item No.: 6.

		
	Meeting Date:	12-2-2020
	Item No.	6
	Unclassified Manager:	Melanie Richardson 1-408-630-2035
SAFE, CLEAN WATER INDEPENDENT MONITORING COMMITTEE		

SUBJECT: Independent Monitoring Committee (IMC) Requested Presentations and Information.

RECOMMENDATION:

Receive project updates as requested by the IMC during its Year 6 review cycle.

SUMMARY:

Through tours and presentations, IMC members gain a greater understanding of Safe, Clean Water projects. The IMC had requested site tours of three project sites, namely Anderson dam Seismic Retrofit, Coyote Creek Flood Protection and the San Francisco Bay Shoreline Protection projects. Ordinarily, during September, Valley Water provides the IMC project site tours. However, this year site tours were canceled because of the impacts of the COVID-19 pandemic. Instead, Valley Water staff will make presentations to provide project specific updates. These are in addition to the project presentations requested by the IMC. Below is the list of project presentations:

- A. Anderson Dam Seismic Retrofit (C1)
- B. Coyote Creek Flood Protection Project (Other Projects)
- C. San Francisco Bay Shoreline Protection (E7)
- D. Integration between San Francisco Bay Shoreline Protection (E7) and Salt Ponds Restoration Partnership (D8)
- E. Grants administration audit
- F. Safe, Clean Water Ballot Measure update

Regarding the Grants administration audit, at the July 21, 2020, Board meeting, the Valley Water Board of Directors received information on the grant management desk review that was conducted in February 2020. They also received and approved the Board Audit Committee's recommendation from

July 15, 2020, meeting for a performance audit of the grants management program. An external auditor was hired in August 2020 to complete that audit. Once the audit process is finalized, staff will present the results to the Independent Monitoring Committee.

ATTACHMENTS:

Attachment 1: Anderson Dam Seismic Retrofit Project

Attachment 2: Coyote Creek Flood Protection Project

Attachment 3: San Francisco Bay Shoreline Protection Project

Attachment 4: Integration between Salt Ponds Restoration, San Francisco Bay Shoreline and other Projects



Anderson Dam Seismic Retrofit Project Update

Presented by: Christopher Hakes, Deputy Operating Officer



Anderson Dam Seismic Retrofit Project

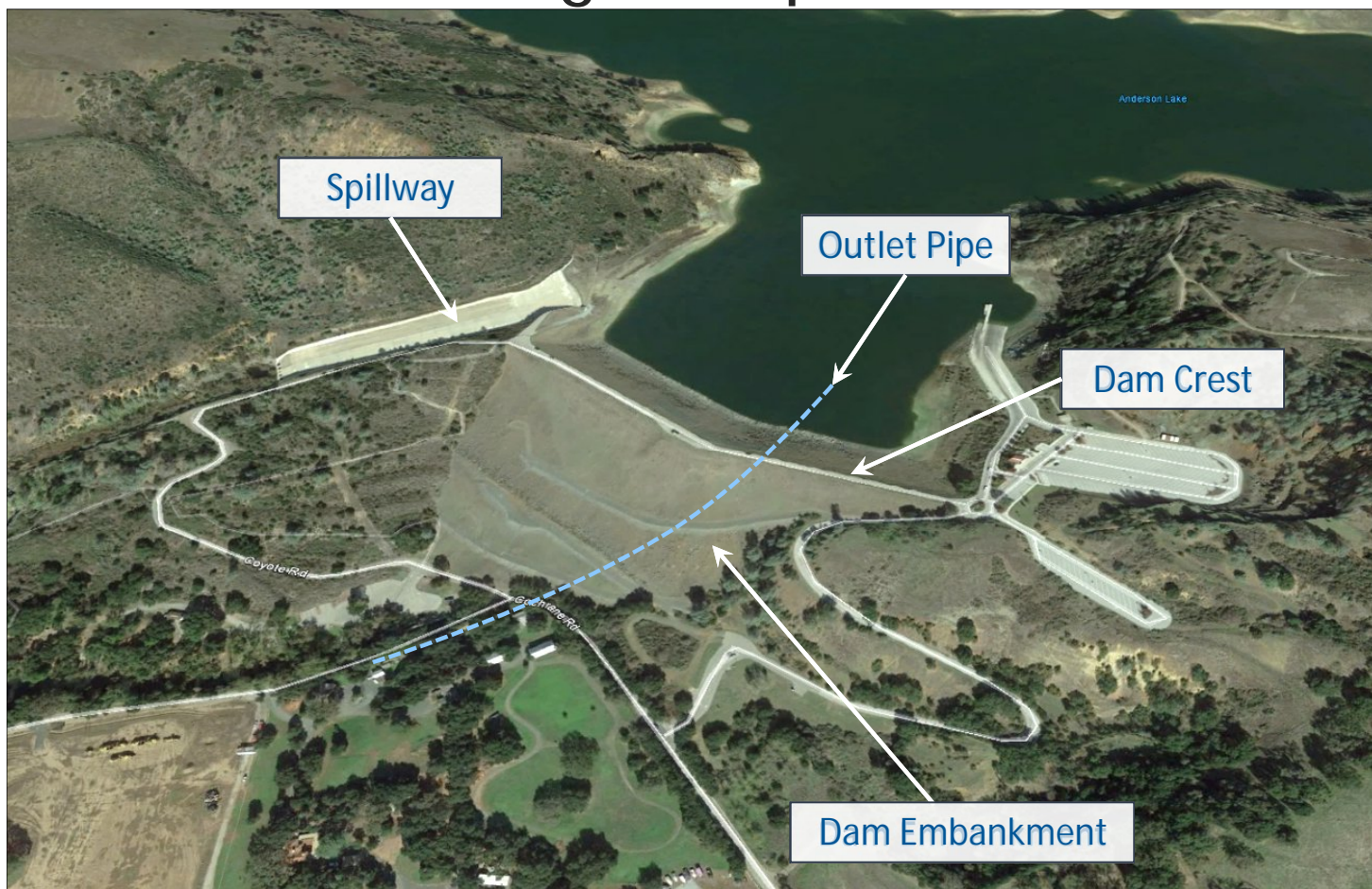
Background

- Anderson Dam forms Anderson Reservoir, holding 90,000 acre feet of water when full and the largest of Valley Water's reservoirs.
- In 2012, following a seismic stability analysis, Valley Water began plans to retrofit the dam to meet current safety standards, creating the Anderson Dam Seismic Retrofit Project (ADSRP).
- On February 20, 2020, the Federal Energy Regulatory Commission (FERC) issued an order to Valley Water to undertake early implementation interim risk reduction measures associated with ADSRP immediately.

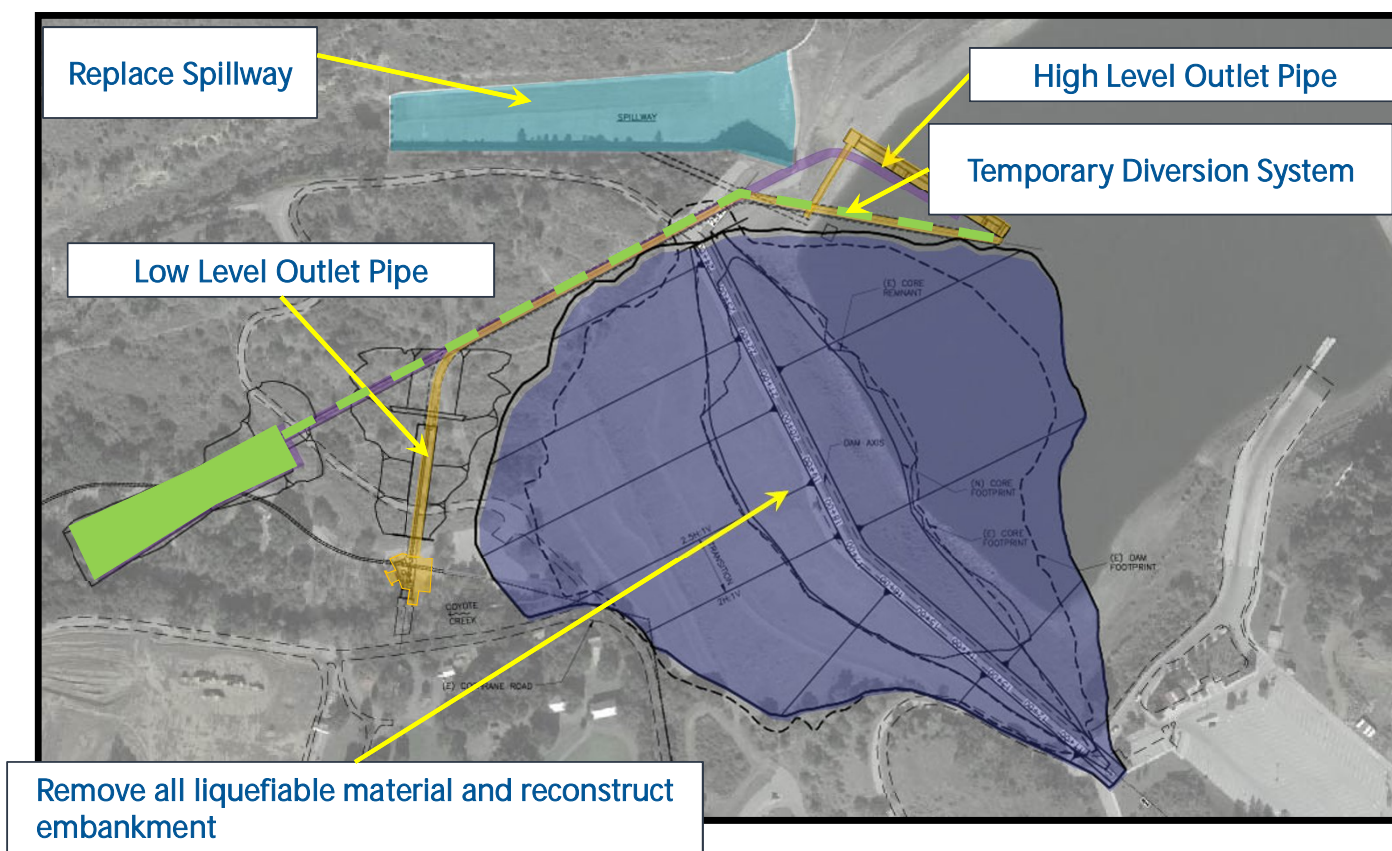
Anderson Dam Existing Components

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valleywater.org

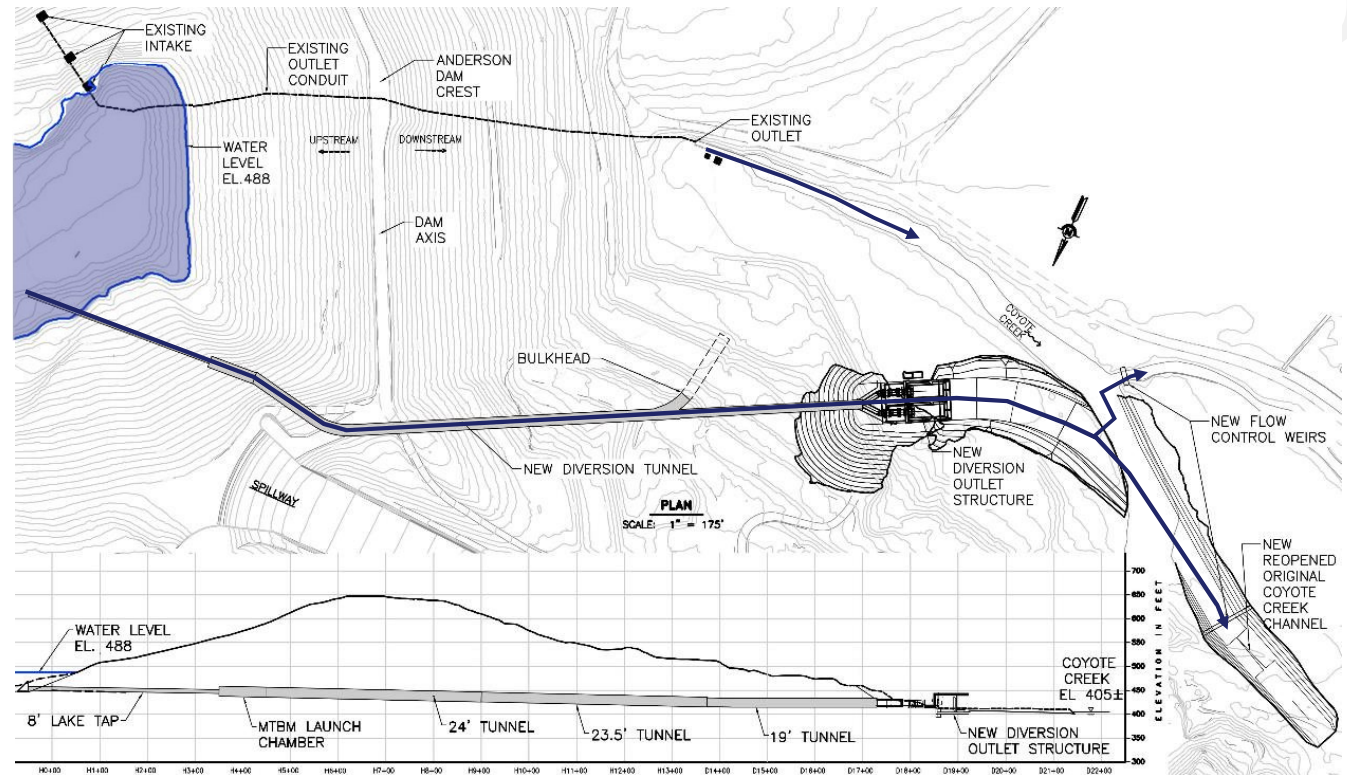


Anderson Dam Seismic Retrofit Project Components



Feb. 20, 2020 FERC Directive: Interim Risk Reduction Measures

- 1) Lower reservoir to new restriction (El. 565')
- 2) Take all necessary measures to safely prepare and drain the reservoir to El. 488'
- 3) Oct. 1 - Begin draining reservoir to dead pool (El. 488')
- 4) Develop plan to maintain dead pool elevation in event of significant inflow
- 5) Expedite design and construction of new Outlet Tunnel
- 6) Secure permits and complete design of larger Seismic Retrofit Project



Valley Water Response

- Ensure immediate compliance with new reservoir level restriction
- Create Anderson Dam Tunnel Project (ADTP) to expedite design and construction of the outlet tunnel
- Create Federal Energy Regulatory Commission Order Compliance Project (FOCP) to safely drain and maintain the lowest practicable reservoir operating level while minimizing water supply and environmental impacts
- Board of Directors approve/certify FOCP project description, Engineer's Report and CEQA Exemption
- Introduction of Assembly Bill (AB) 3005*

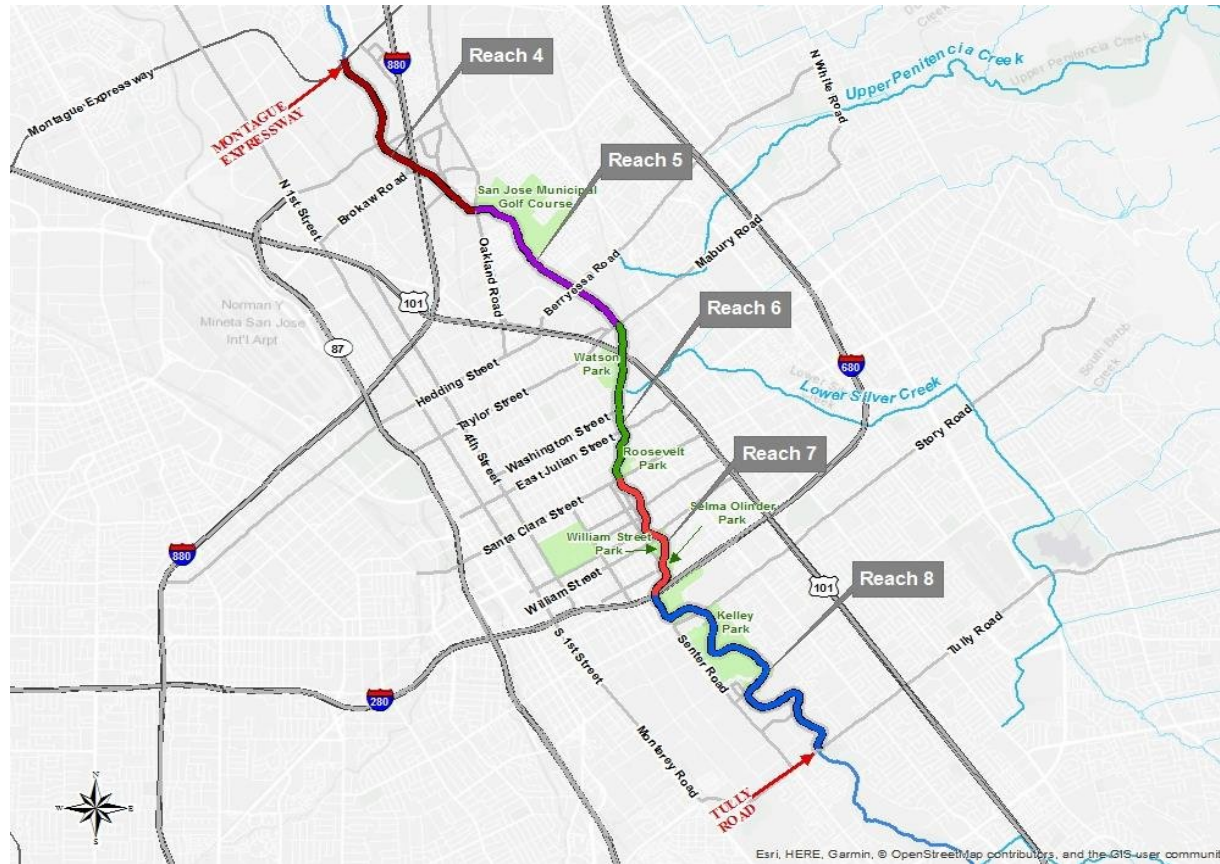
Project Description

- Reservoir Drawdown to Deadpool and Maintain Level at Deadpool
- Anderson Dam Tunnel Construction
- Anderson Dam Tunnel Operation and Maintenance
- Bank and Rim Stability Improvements
- Existing Intake Structure Modifications
- Creek Channel and Bank Erosion Control Modifications
- Imported Water Releases and Cross Valley Pipeline Extension
- Coyote Percolation Dam Replacement
- Coyote Creek Flood Management Measures
- Steelhead Fish Avoidance and Minimization Measures
- Implementation of Additional Project Specific Avoidance and Minimization Measures

Coyote Creek Flood Management Measures

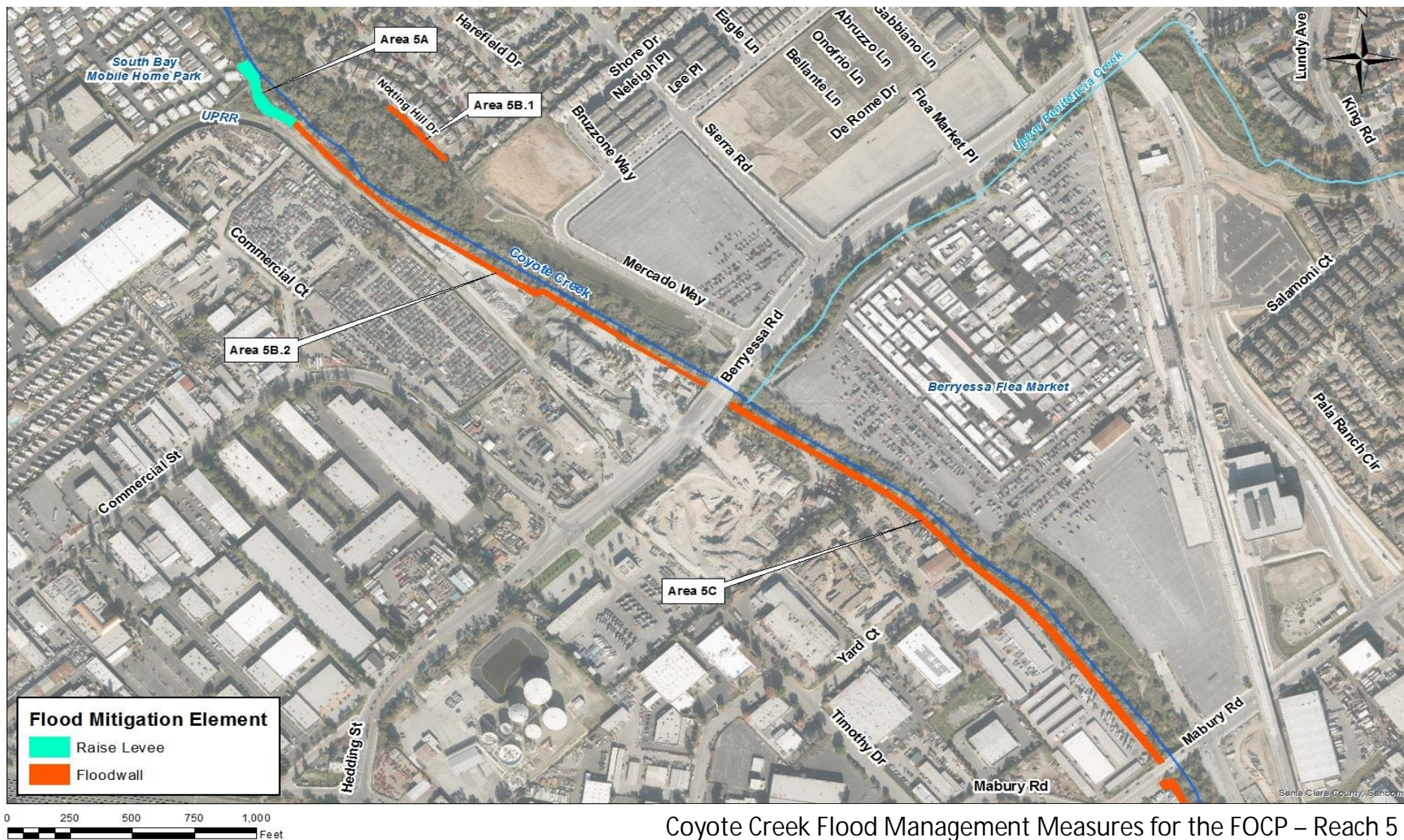
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Project
location

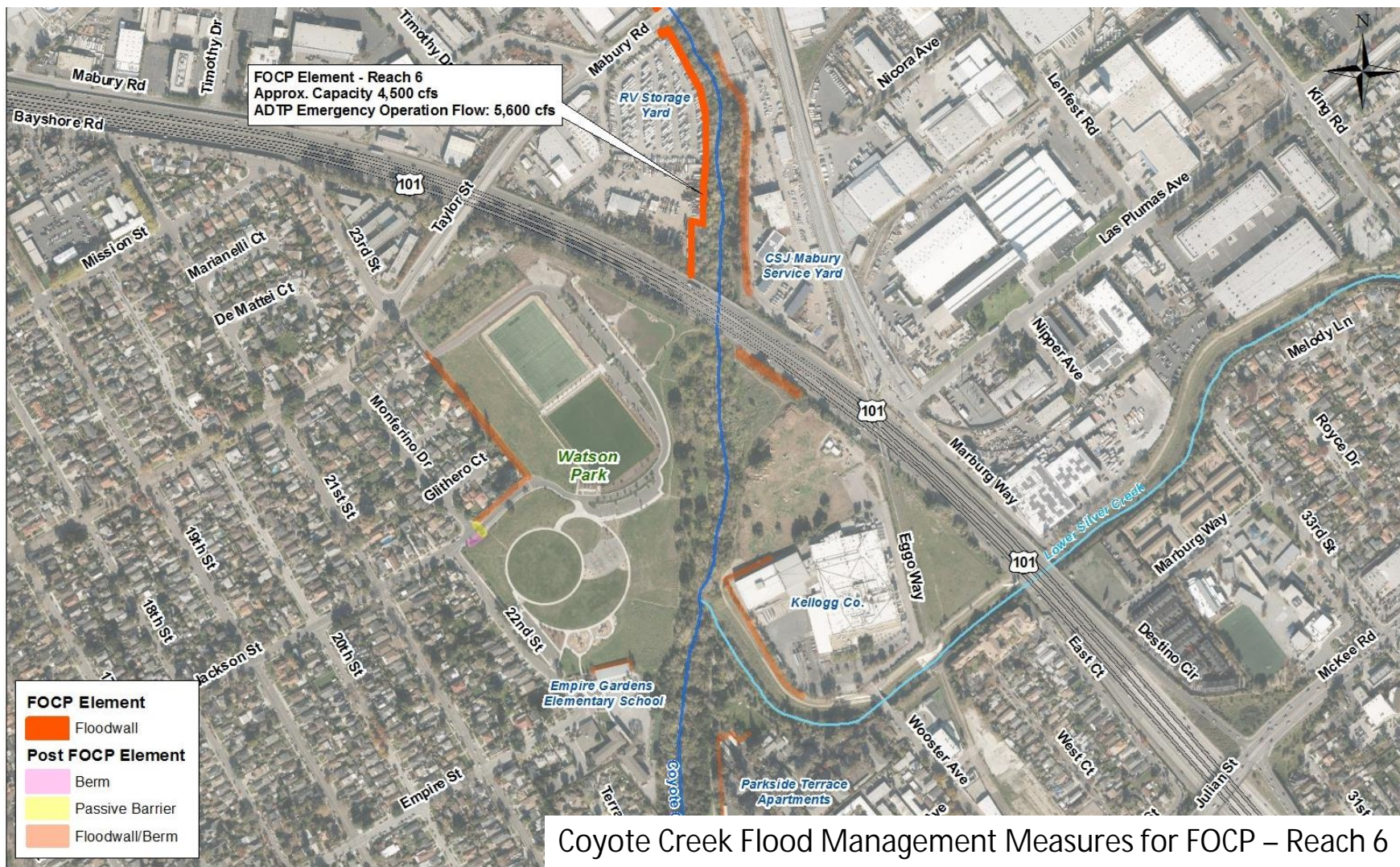


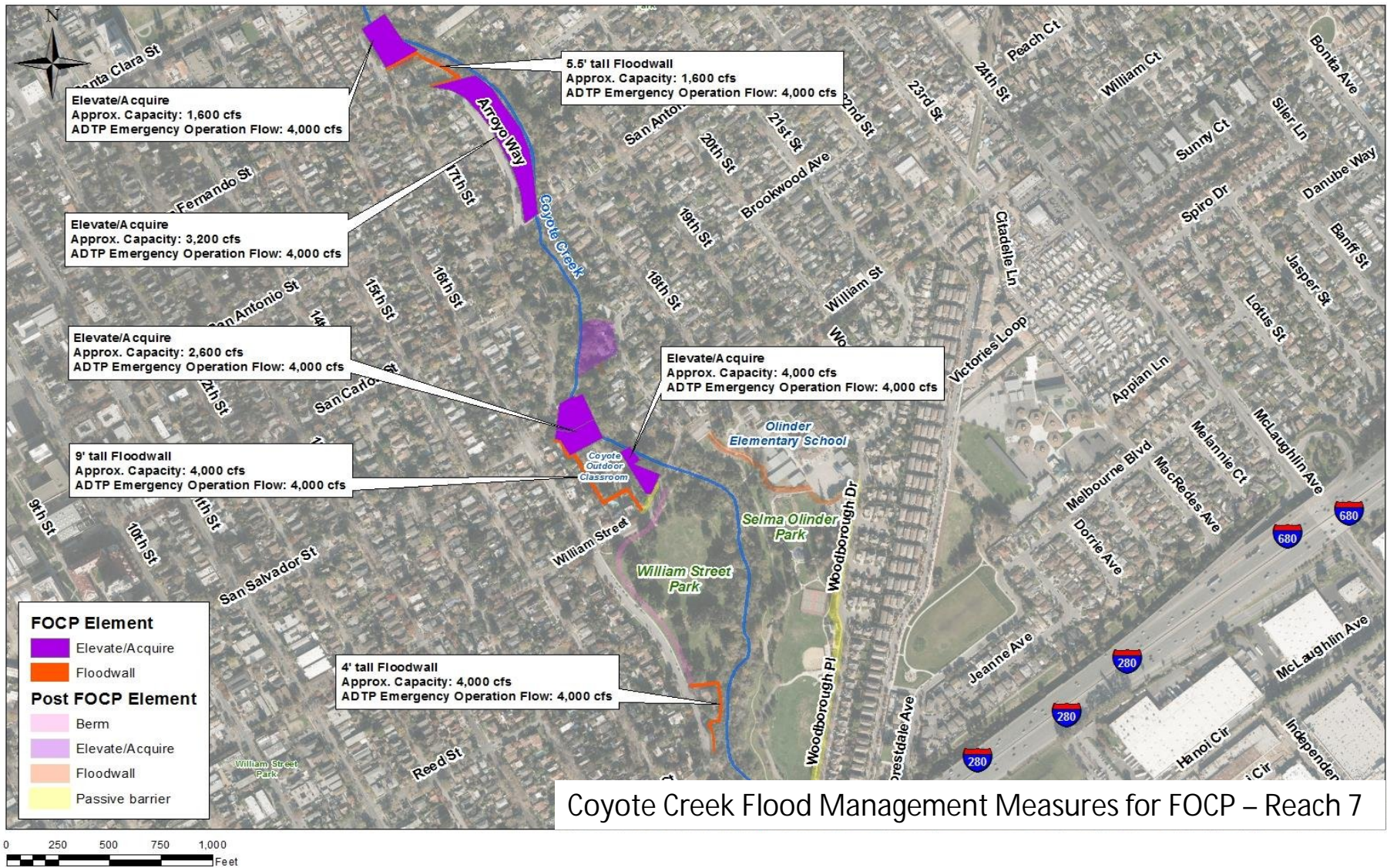
valleywater.org





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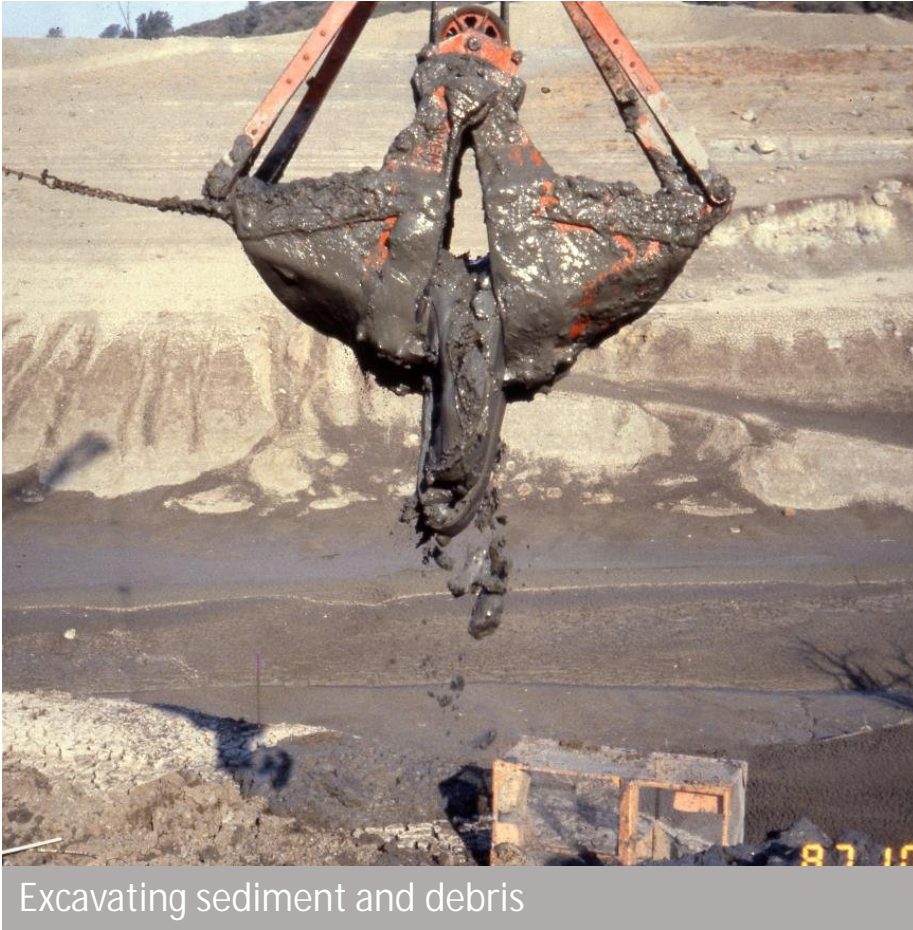
Floodwalls

Home Elevations

13



1987 Dewatering



Deadpool at Anderson - Map

15



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Coyote Creek Fish Rescue: August 2020



Boating Limitations

17



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Potential Rim Instability

18



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Regulatory Agencies

Federal

- FERC - Federal Energy Regulatory Commission lead on design and environmental
- USACE - US Army Corps of Engineers
- US Fish and Wildlife Service
- US Environmental Protection Agency
- National Oceanic and Atmospheric Association - NOAA
 - National Marine Fisheries Service - NMFS

State

- Division of Safety of Dams – DSOD
- California Office of Historic Preservation (SHPO)
- California Department of Fish and Wildlife
- State Water Resources Control Board
 - Regional Water Quality Control Board

County

- Valley Habitat Agency
- Santa Clara County Parks

Cities of:

- Morgan Hill
- Gilroy
- San José

Necessary Permits

Federal

- FERC: Amendment to Exemption for Licensing
- USACE: CWA Section 404 Permit
- USFWS: Incidental take permit (VHP – see below)
- NMFS: Incidental take permit (steelhead trout)

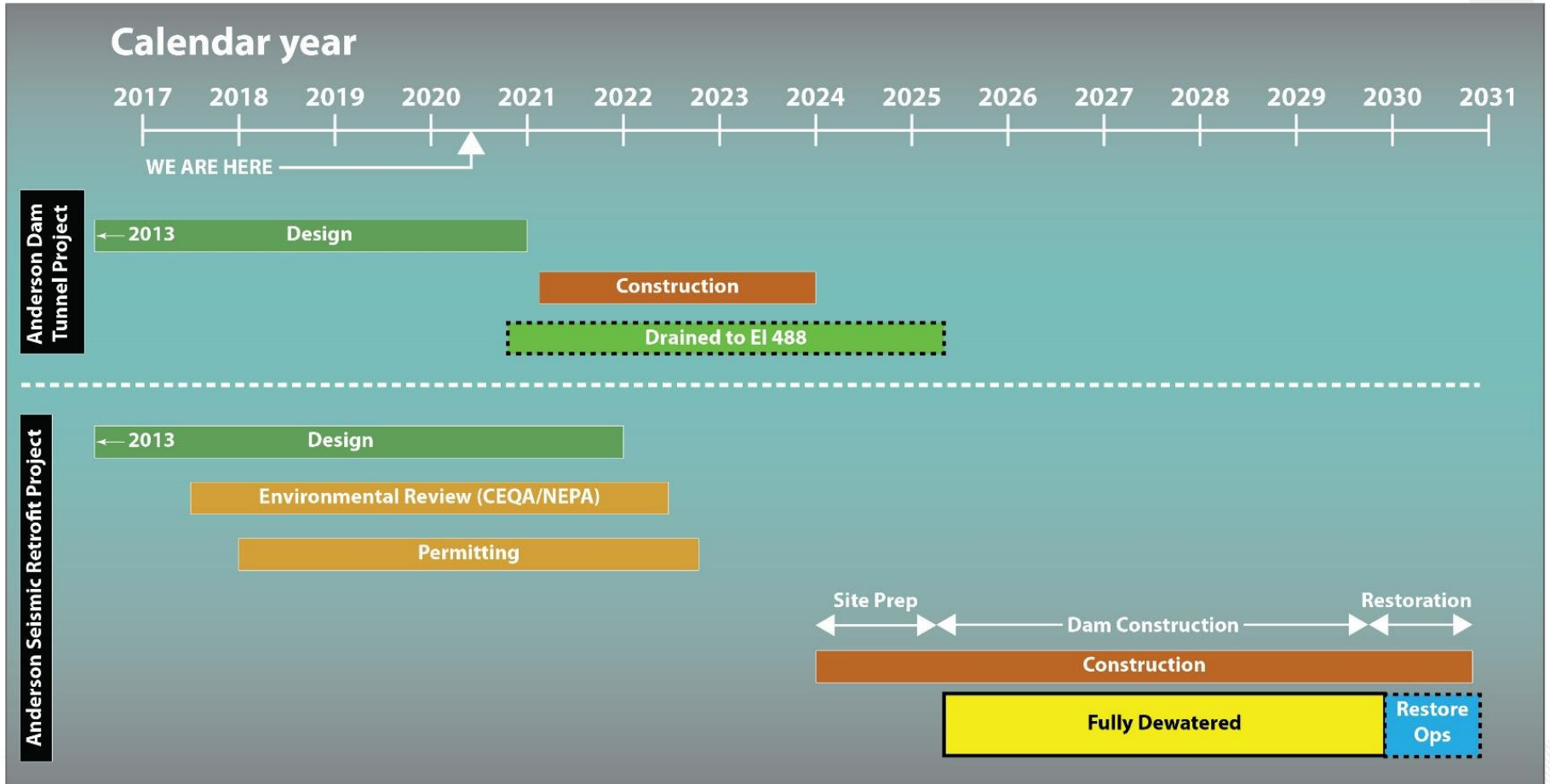
State

- DSOD: New dam application
- CDFW: LSAA
- VHP: Incidental take authorization (covered species for state and federal ESA)
- SWRCB: General Construction NPDES Stormwater Permit
- SWRCB/SFRWQCB: CWA Section 401 Water Quality Certification
- SHPO: Section 106 of the NHPA

Local: Municipal approvals, encroachment permits, temporary rights of way.

Project Schedule

21



QUESTIONS





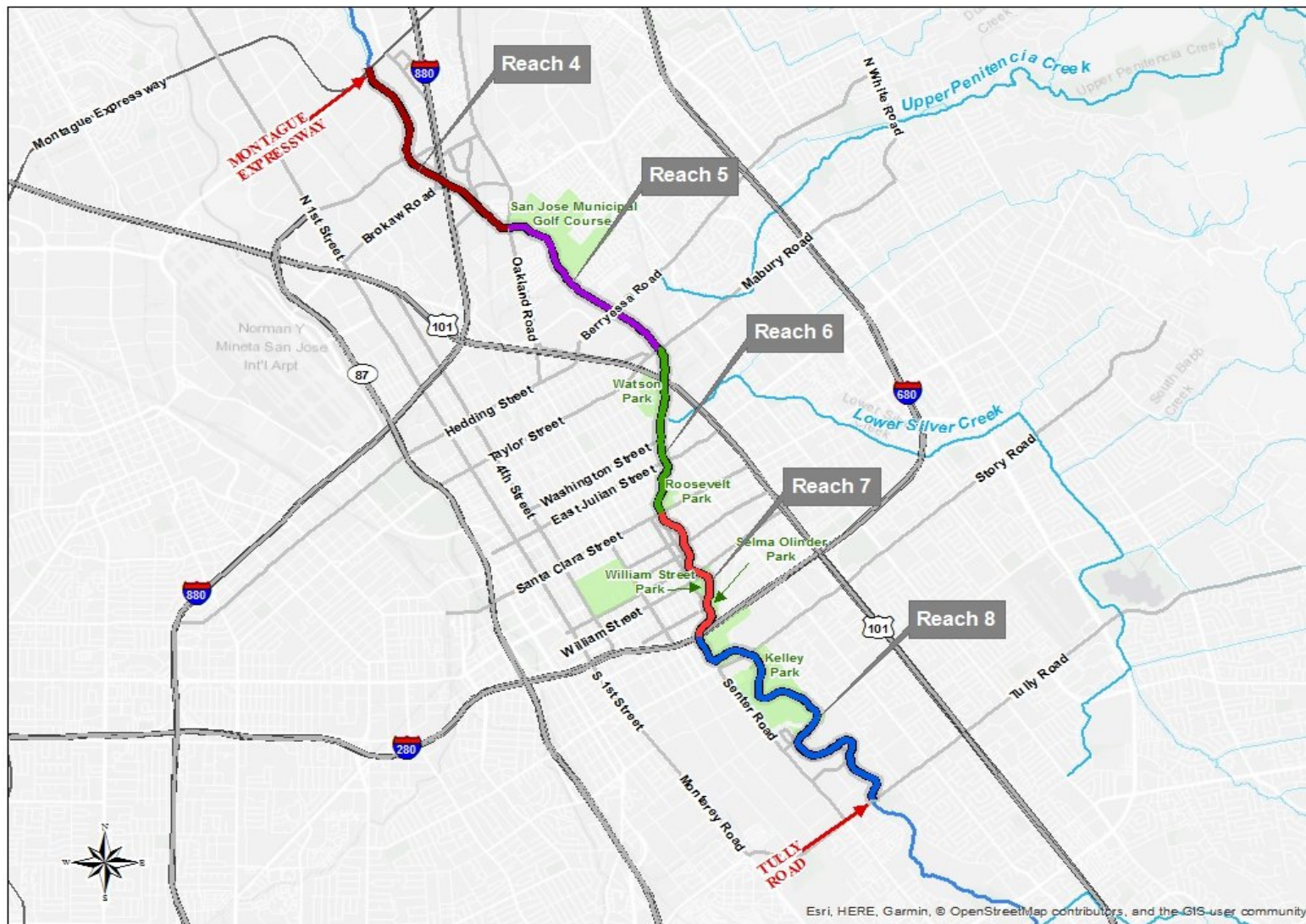
Coyote Creek Flood Protection Project

Presented by: Damaris Villalobos-Galindo, Associate Engineer



Project Progress





Coyote Creek Flood Protection Project Extent

Project Objective

Reduce risk of flooding to a flood event equivalent to the February 2017 event.

Additional goals:

- Stream habitat enhancement
- Improve water quality
- Provide for public access and recreation
- Minimize need for future maintenance activities

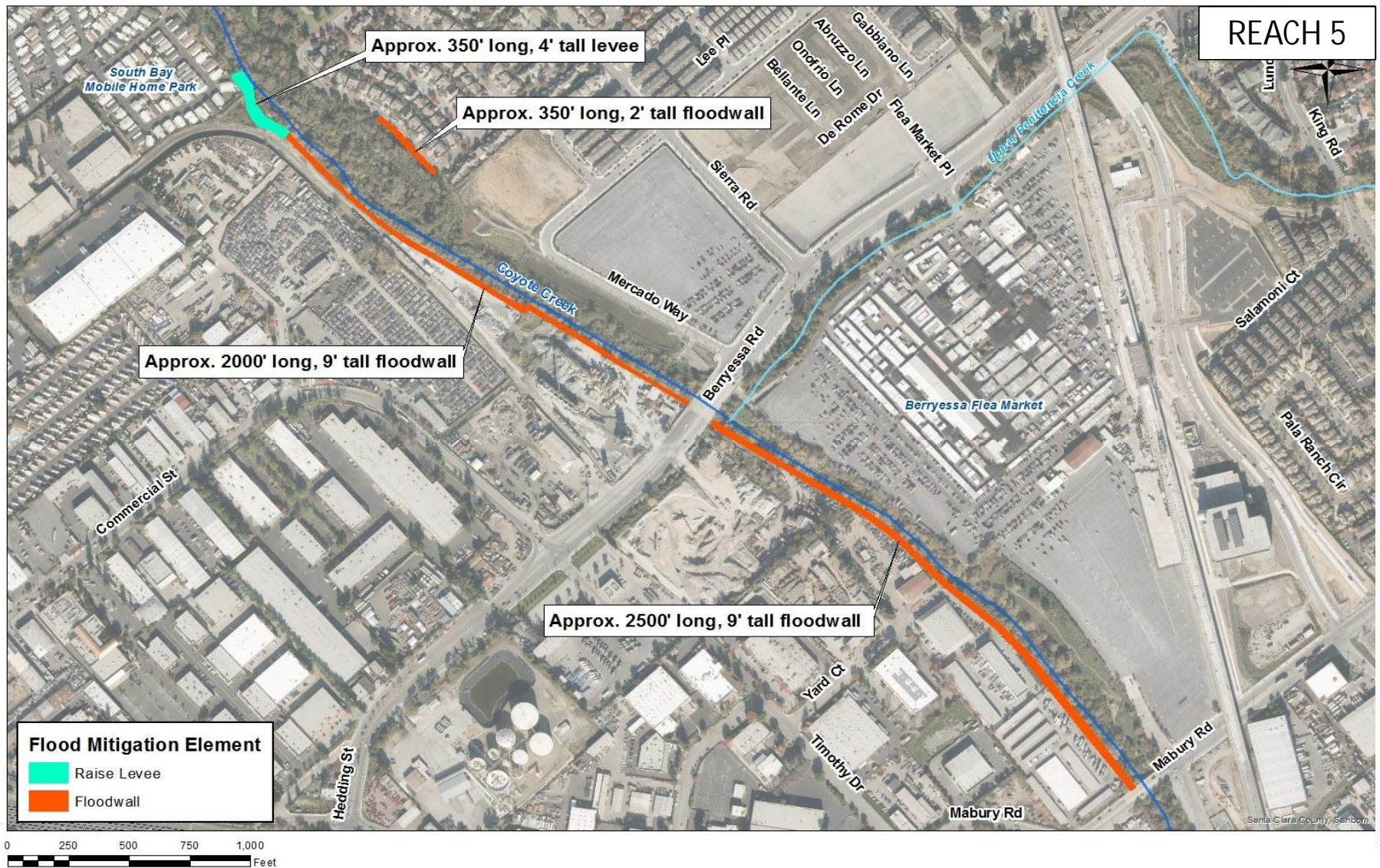
Preferred Project Alternative

Identified during
Planning Phase
Reach by Reach

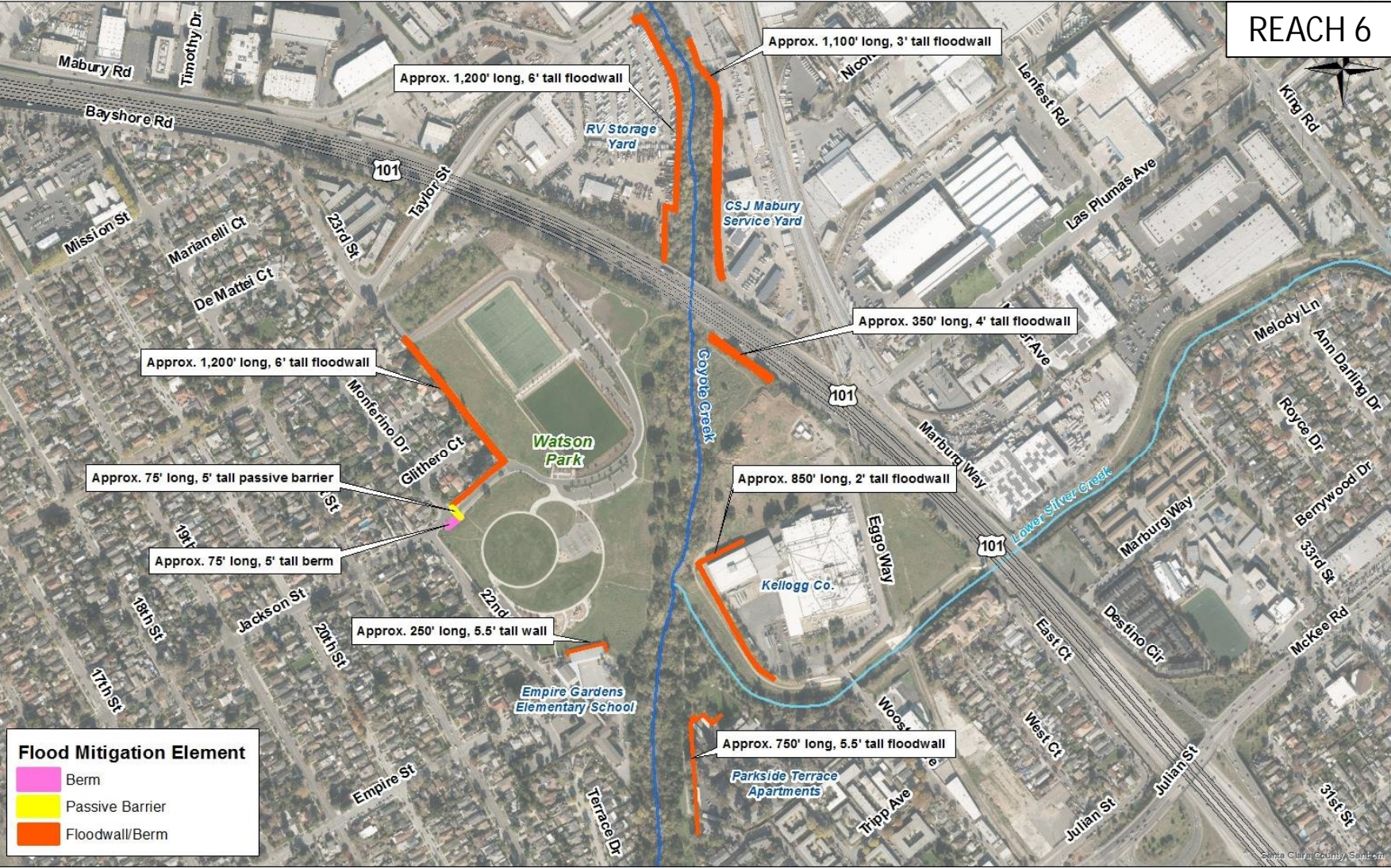
- Reach 4: From Montague Expressway to Old Oakland Road
- Reach 5: From Old Oakland Road to Mabury Road
- Reach 6: From Mabury Road to Santa Clara Street
- Reach 7: From Santa Clara Street to Highway 280
- Reach 8: From Highway 280 to Tully Road

REACH 4





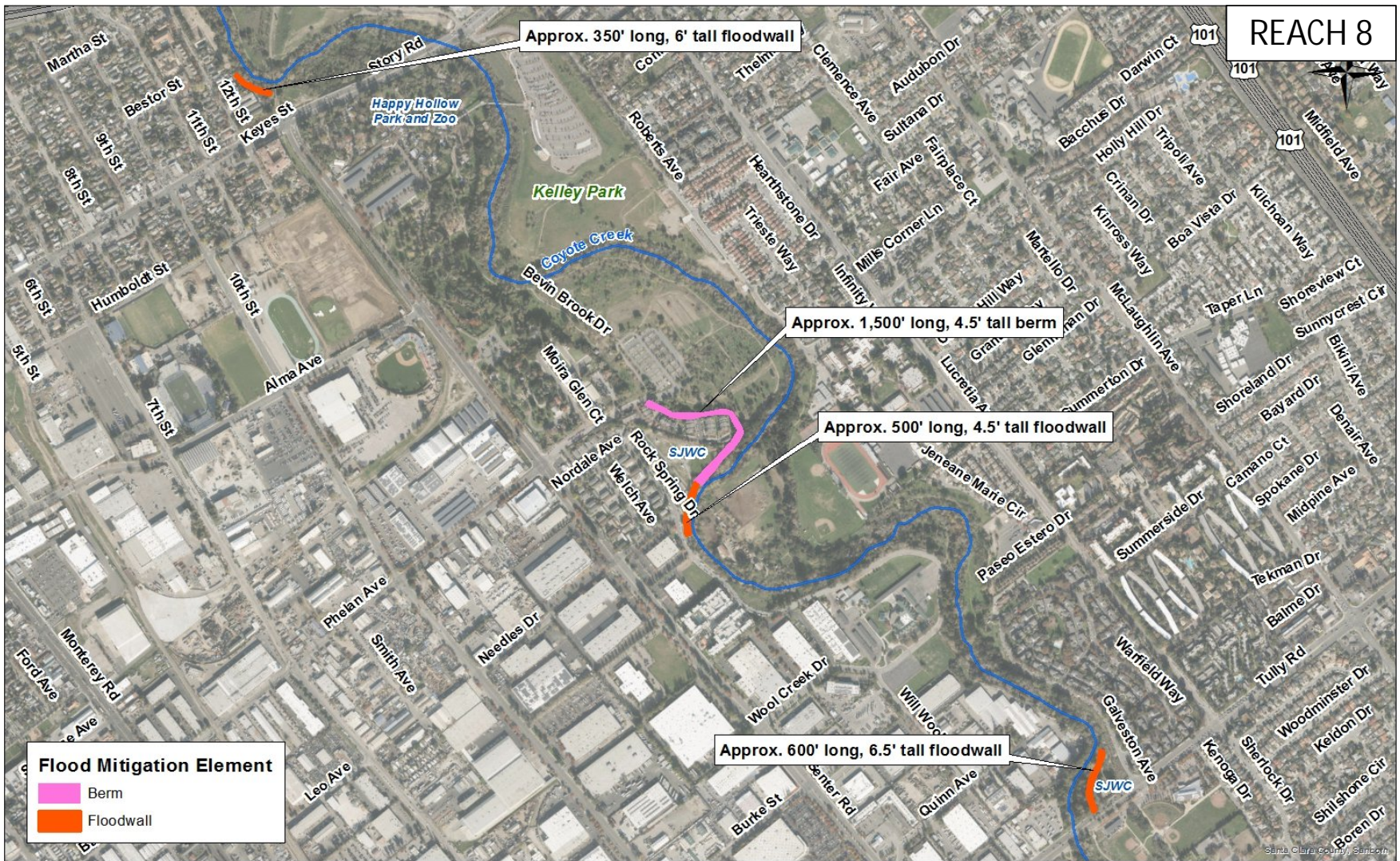
REACH 6



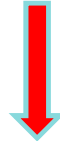
REACH 7



REACH 8



FEBRUARY 2017: COYOTE CREEK FLOODING EVENT



COYOTE CREEK FLOOD PROTECTION PROJECT



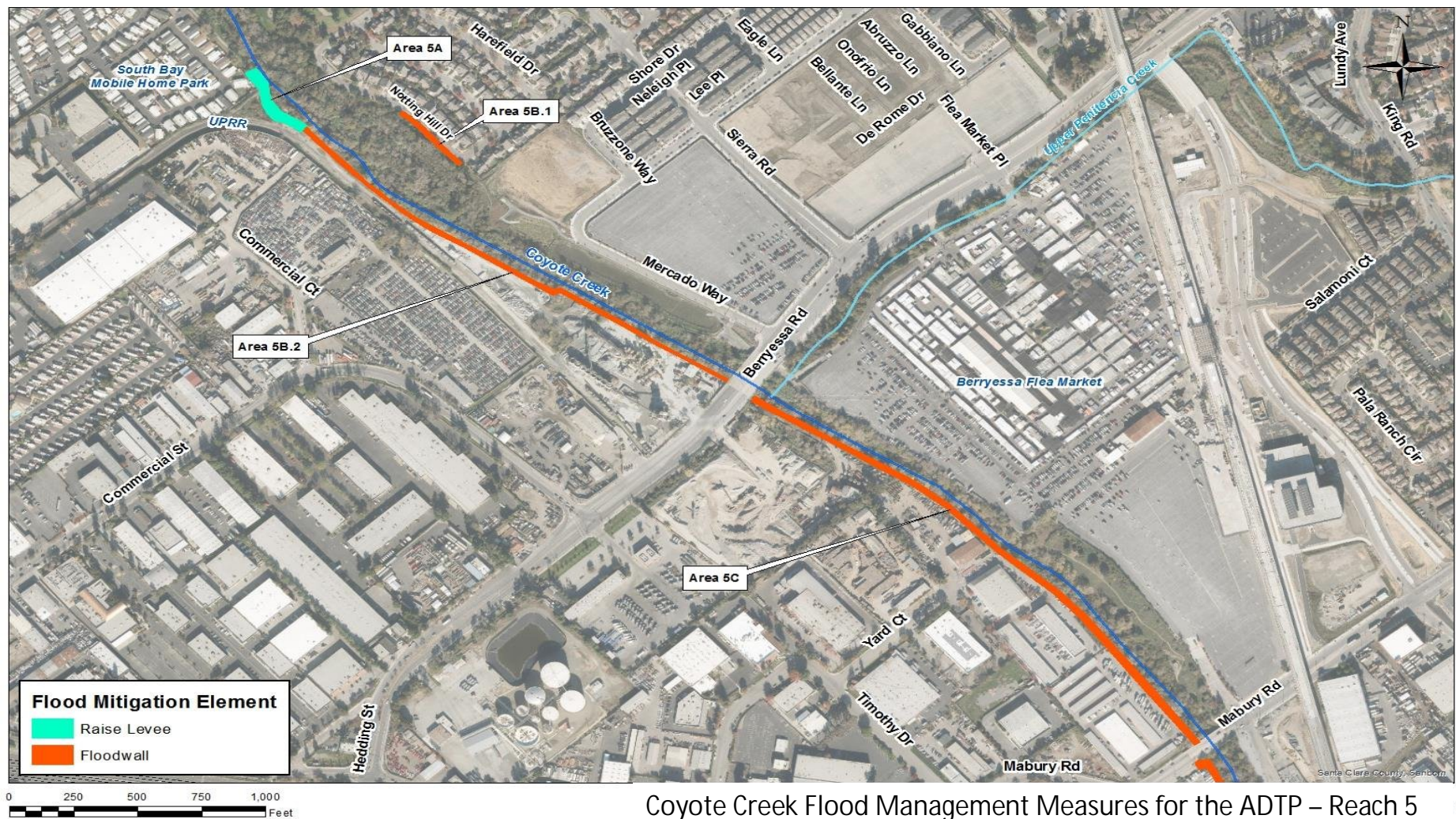
FEBRUARY 2020: FEDERAL ENERGY REGULATORY
COMMISSION ORDER PROJECT(FOCP)/ADTP CONSTRUCTION

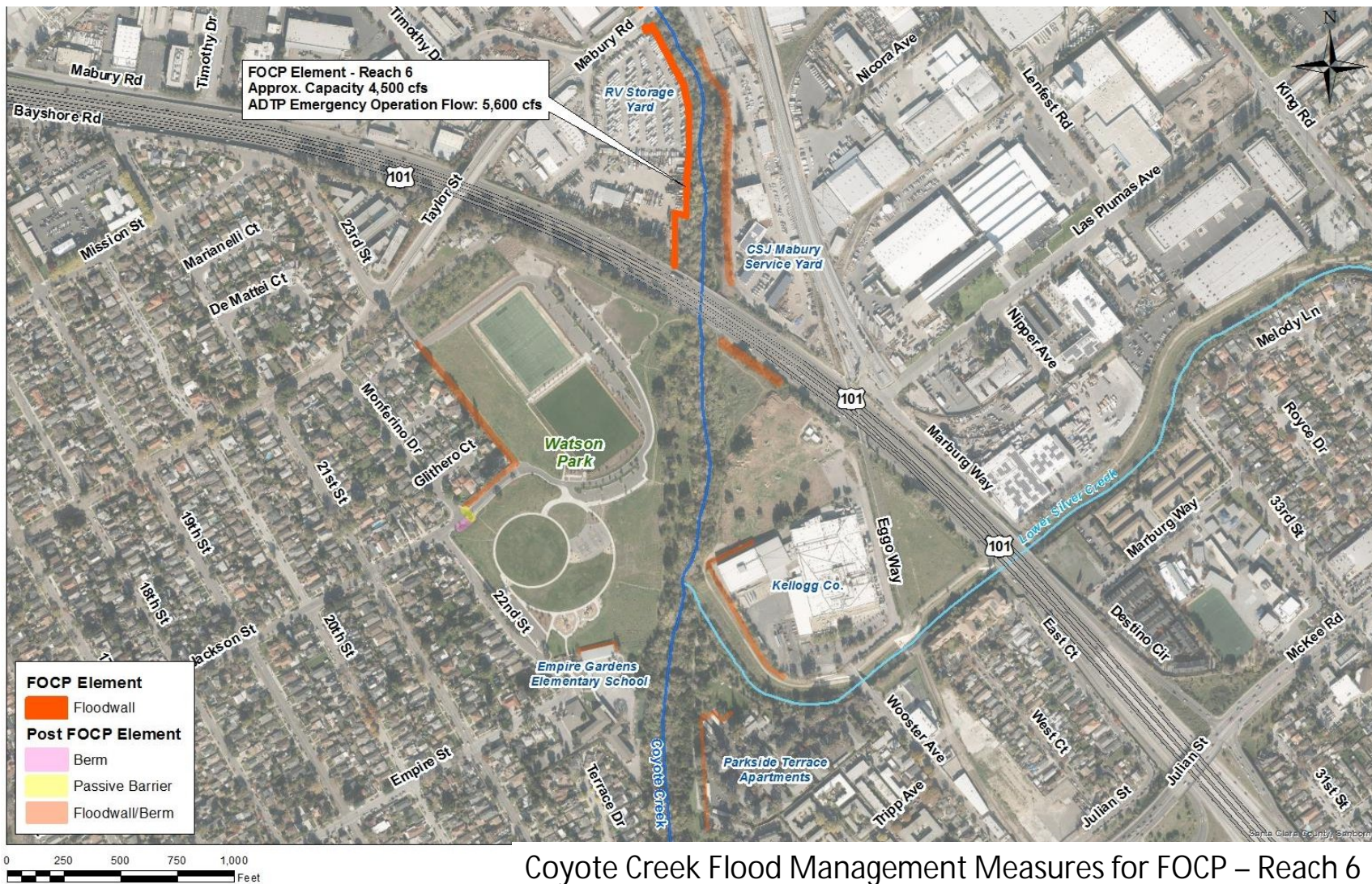


COYOTE CREEK FLOOD
MANAGEMENT MEASURES FOR FOCP

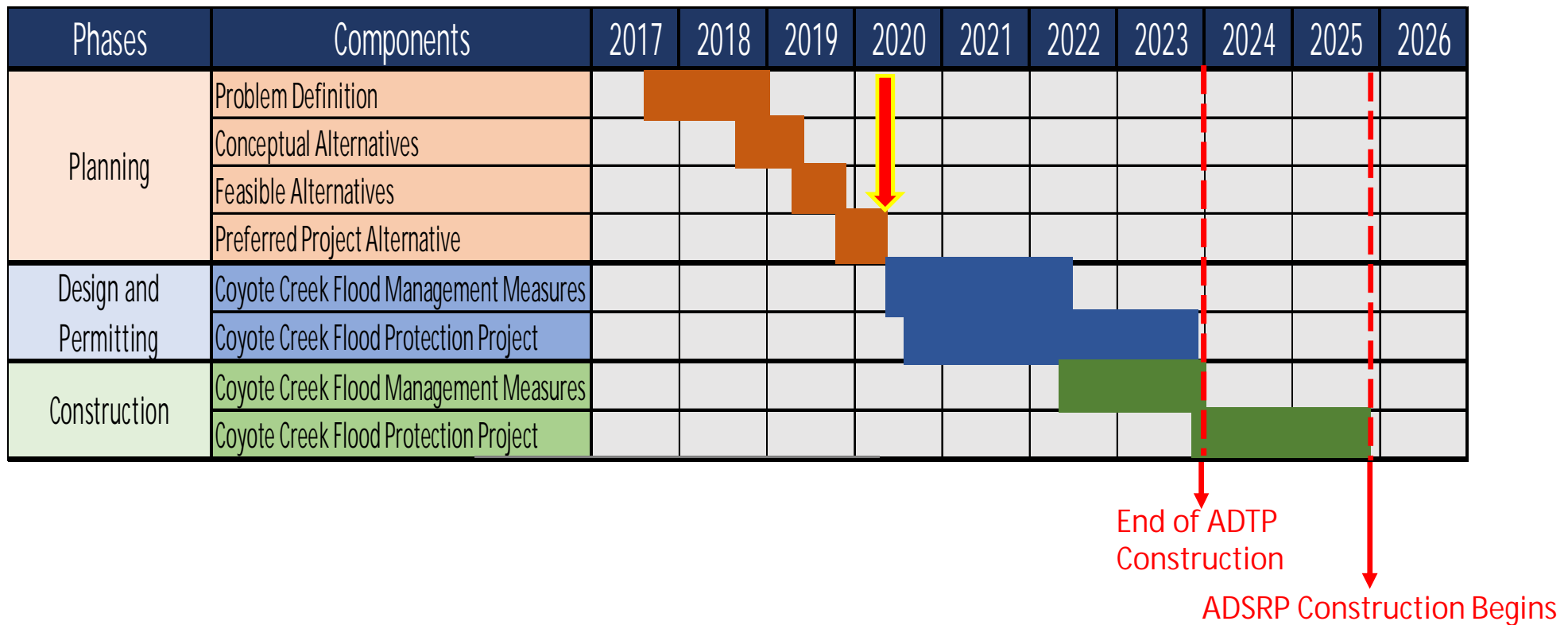


COYOTE CREEK FLOOD
PROTECTION PROJECT





Timeline of Projects



QUESTIONS



EXTRA SLIDES

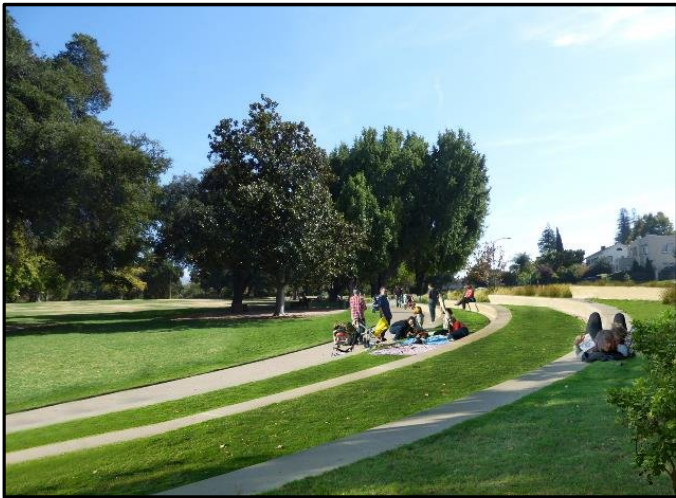
Floodwalls



Berm



Image Source: Jean's Garden website. <https://jeansgarden.wordpress.com/2014/08/01/the-hudson-garden-a-beautiful-solution-to-a-landscape-problem/>



Passive Barrier



How do they work?

Rising floodwater creates hydrostatic pressure to lift the barrier. No manpower required.

Videos

<https://www.youtube.com/watch?v=NuDshmb4fmA&t=40s>

<https://drive.google.com/open?id=1WMpKjVzOuLm6rTuJ8LkDtZyoHRMT5V4r>

<https://www.dropbox.com/s/jahaa4gdkdhotav/My%20Movie.mp4?dl=0>

Elevate



Image Source: Elevation Assessment Report prepared by Planet Three Elevation for Valley Water

Elevate



Image Source: Elevation Assessment Report prepared by Planet Three Elevation for Valley Water

Elevate



Image Source: Elevation Assessment Report prepared by Planet Three Elevation for Valley Water

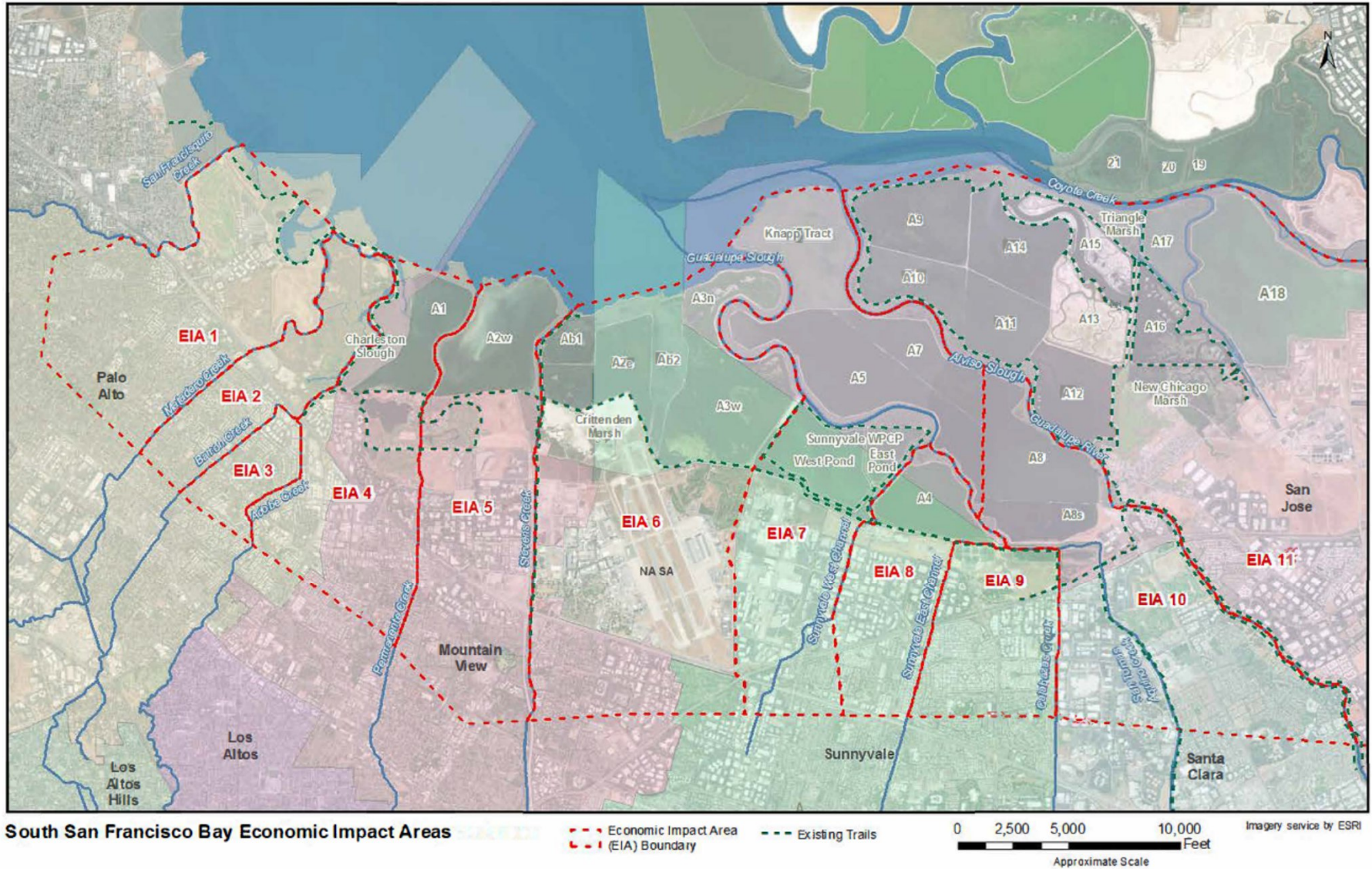
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South San Francisco Bay Shoreline Project

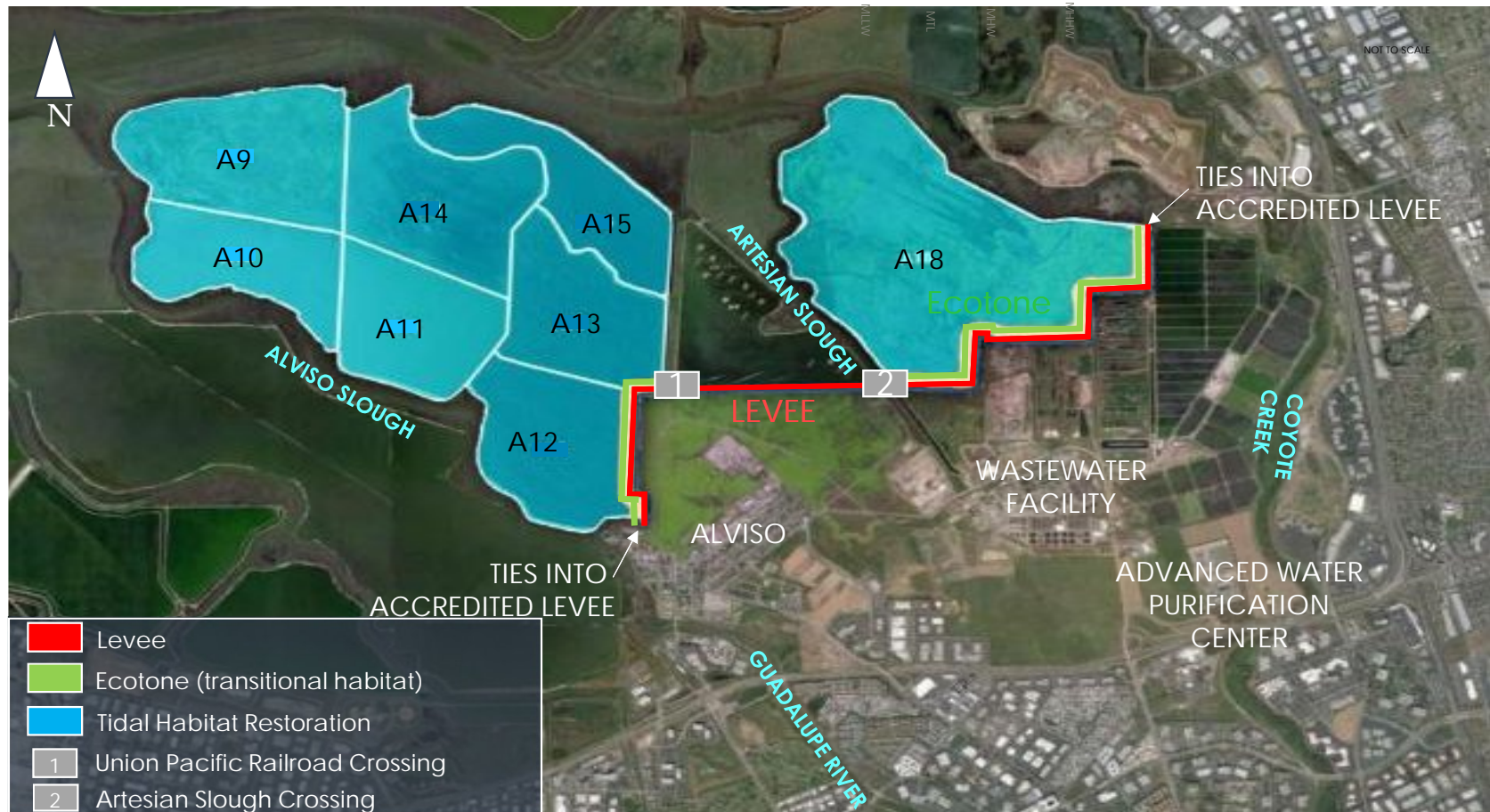
Presented by: Sunshine Julian, Capital Engineering Manager





Authorized Project – Phase 1 (EIA 11)

3



valleywater.org

Authorized Project – Phase 1 (EIA 11)

Project Components

✓ Flood Risk Management

- 4-miles of levee to protect from coastal flooding and rising seas
- Manages flood risk for population of ~5,500, ~1,100 structures, & regional wastewater facility

✓ Ecosystem Restoration

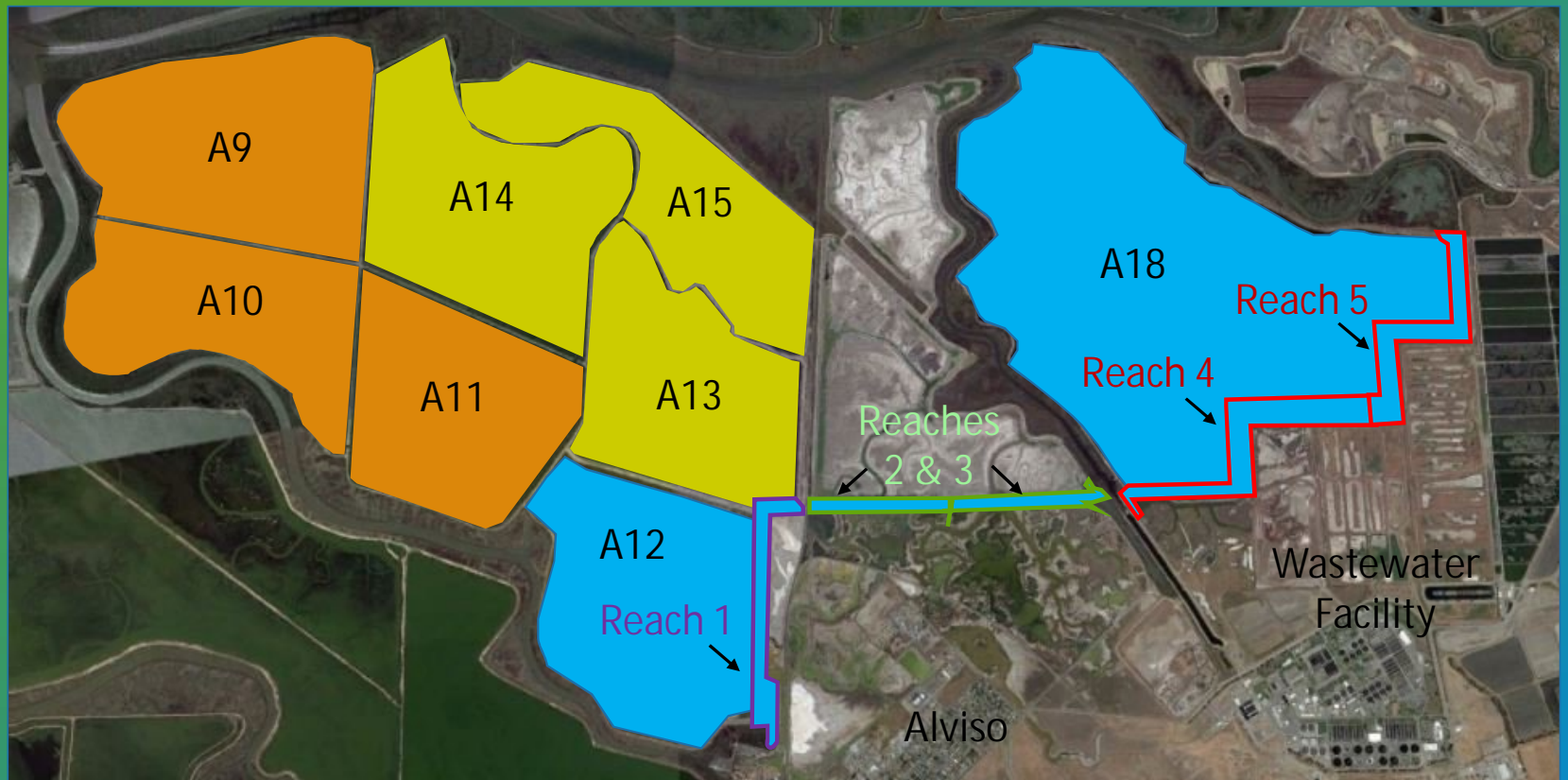
- 2,900 acres of tidal wetlands including ecotone (transitional habitat)

✓ Recreation

- Provides key connections to San Francisco Bay Trail & viewpoints



Phase I Project Implementation



Shoreline Phase I Schedule

6

- Reaches 1 - 3:
 - July-November 2019: Valley Water contractor delivered 106,000 cubic yards of material
 - December 2020: USACE anticipates re-advertising construction
 - Spring/Summer 2021: USACE anticipates starting construction

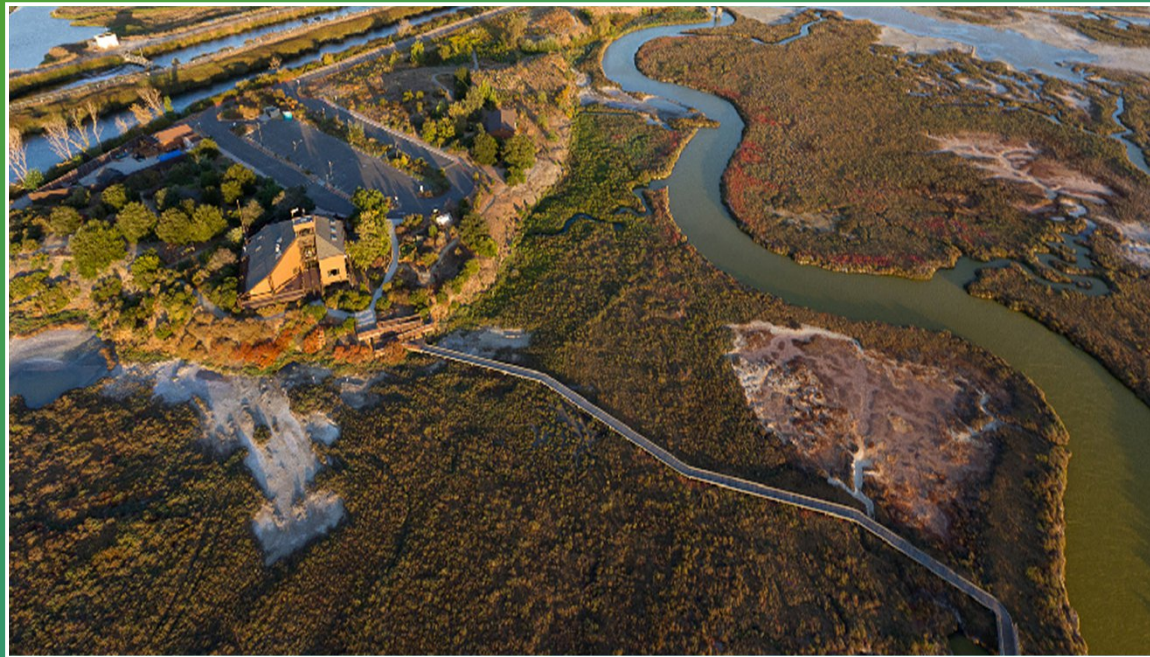
- Reaches 4 & 5:
 - April 2020: 30% design completed for Reaches 4-5 levee
 - October 2020: 60% design completed for Reaches 4-5 levee
 - Fall 2021: USACE anticipates completing design for Reaches 4-5 levee

Shoreline Phase II Schedule

- September 2019:
Feasibility Cost Share Agreement Signed
- January 2020:
Alternatives Milestone Meeting Conducted
- Fall 2020:
Plan to release joint Notice of Early Scoping (NEPA) and Notice of Preparation of an EIR (CEQA) and hold a Public Scoping Meeting
- Summer 2021:
Tentatively Selected Plan



Tour



New Chicago Marsh, Alviso. Photo credit: Cris Benton

QUESTIONS





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Integration between South Bay Salt Ponds Restoration Partnership, San Francisco Bay Shoreline and other projects

Presented by: Judy Nam, Senior Water Resources Specialist

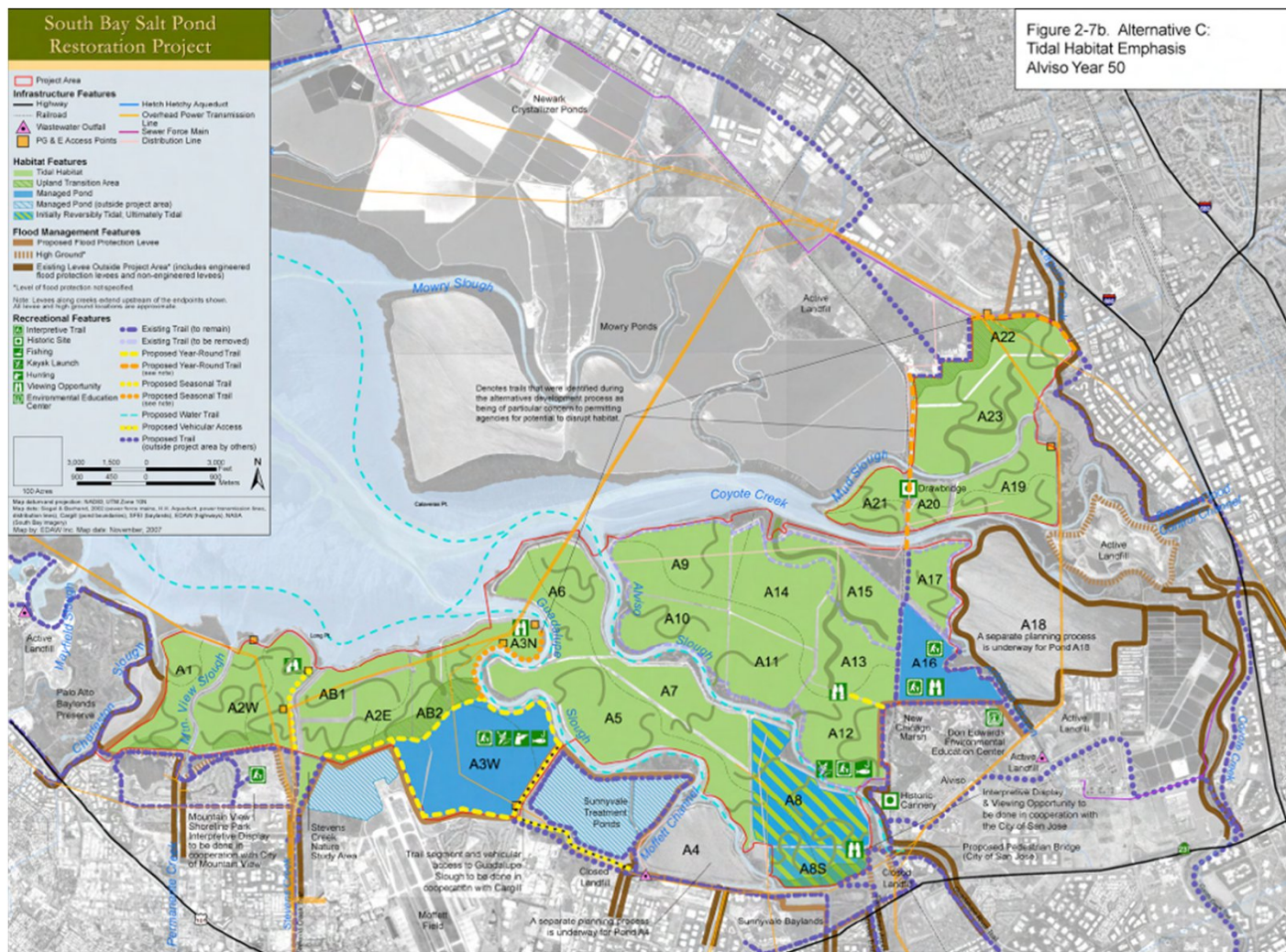


Figure 2-7b. Alternative C:
Tidal Habitat Emphasis
Alviso Year 50

Coordinated effort for resilient flood protection and habitat restoration



- D8:South Bay Salt Ponds Restoration Partnership
- E7: San Francisco Bay Shoreline Protection
- Calabazas and San Tomas Aquino Creek Realignment Project

South Bay Salt Ponds Restoration Partnership 4

Benefits

- Accelerates progress of important tidal wetland restoration project
- Reduces disposal costs for sediment that has been removed from local channels to maintain flood carrying capacity
- Increases space availability in local landfills

Key Performance Indicators

- Establish agreement with U.S. Fish and Wildlife Services (USFWS) to reuse sediment to improve success of Salt Pond restoration activities.
 - ✓ May 2019: Signed new agreement to replace 2014 agreement
- Construct site improvements up to \$4 million to allow for transportation and placement of future sediment.
 - 5,500 CY in Aug 2019
 - 6,900 CY as of End of Sept 2020

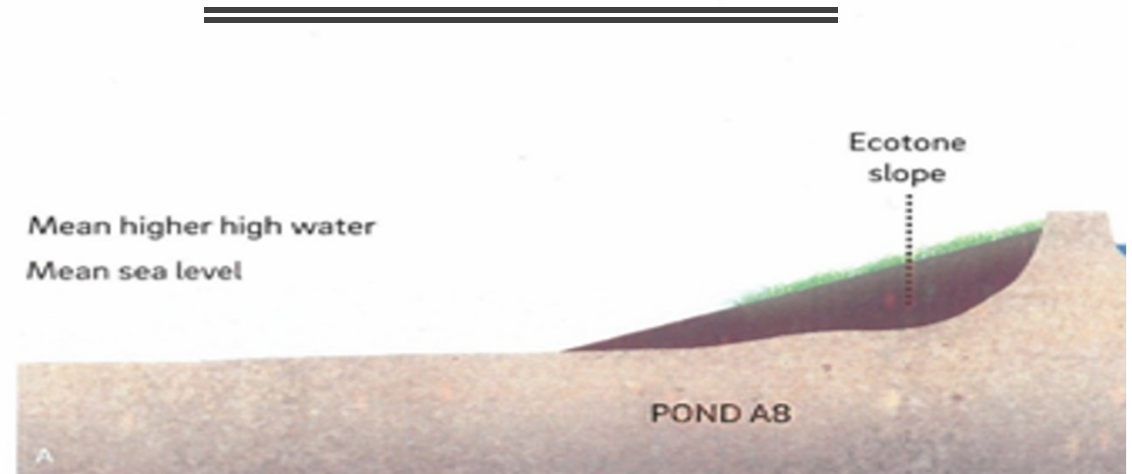
Strategy to Increase Sediment Reuse

- Identify additional studies that would result in USFWS Quality Assurance Project Plan (QAPP) revision in consultation with Regional Water Quality Control Board (RWQCB) currently ongoing))^{JC2}
- Implement the identified studies
- Propose revision to increase sediment reuse
- Obtain RWQCB approval for a revised QAPP

- JC1 Jessica Collins, 11/5/2020
- JC2 **Why are there)) here?**
Jessica Collins, 11/5/2020

South Bay Salt Ponds Restoration Partnership

Ecotone provides
resilient flood
protection



Calabazas and San Tomas Aquino Creek Realignment Project

Reduced maintenance through improved sediment dynamics



QUESTIONS






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	Meeting Date:	12-2-2020
	Item No.	7
	Unclassified Manager:	Melanie Richardson 1-408-630-2035
SAFE, CLEAN WATER INDEPENDENT MONITORING COMMITTEE		

SUBJECT: Safe, Clean Water and Natural Flood Protection Program Independent Monitoring Committee Review Process and Schedule for Fiscal Year 2020 Annual Report.

- A. Determine whether to continue existing or establish a new process to review the Annual Report
 - a. Review prior subcommittee assignments
 - b. January 4, 2021 through January 15, 2021, Subcommittee Meetings schedule
- B. Set schedule for review of FY20 Safe, Clean Water and Flood Protection (Safe, Clean Water) Annual Report and development of Independent Monitoring Committee's (IMC's) Year 7 Report
 - a. Review proposed schedule

RECOMMENDATION:

Receive information regarding the Safe, Clean Water report cycle and Subcommittee schedule dates for review and reporting, as requested by the Committee.

SUMMARY:

Valley Water staff will be presenting a brief overview of the Safe, Clean Water Annual Report cycle. Staff will be reviewing last year's subcommittee assignments for the purpose of setting a schedule for review of the FY20 Annual Report.

During the review of the FY19 Safe, Clean Water Annual Report, IMC also decided to set up a Finance Subcommittee, a decision that was also captured in the IMC report to the Board. In its letter to the Board presenting the FY19 IMC Report on February 12, 2020, the IMC said "There are many financial issues, documented only in Appendix A: Financial Information, that are typically not covered during each Priority review. For next year's review, the IMC will establish a separate subcommittee to thoroughly review the financial aspect of each line item in Appendix A with finance Staff."

ATTACHMENTS:

- Attachment 1: FY20 Safe, Clean Water Annual Report Presentation
- Attachment 2: Safe, Clean Water IMC Subcommittee List



Safe, Clean Water
and Natural Flood Protection

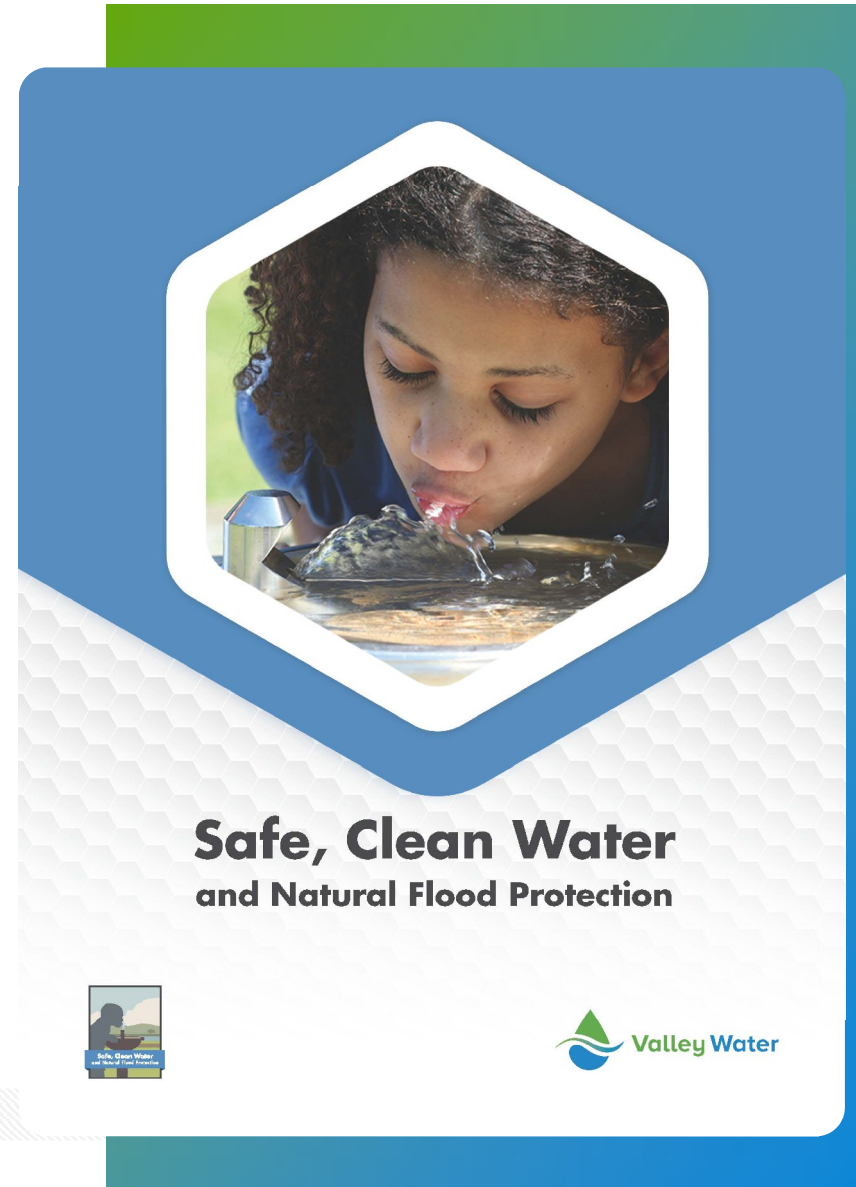
FY20 Annual Report – Year 7 (FY20)

Presented by: Meenakshi Ganjoo, Senior Program Administrator



Agenda

- FY20 Annual Report Overview
 - Safe, Clean Water Program Cycle
 - FY20 Accomplishments
 - Change Control Process
- Determine
 - IMC Review Process
 - IMC Review Schedule



Program Cycle



Program Highlights

Water Supply

- Pipeline Reliability

Flood Protection

- Permanente Creek Flood Protection
- Upper Llagas Creek Flood Protection
- Coyote Creek Flood Protection
- Sediment Removal & Vegetation Control




Stewardship

- Fish Habitat Improvement
- Partnerships for the Conservation of Habitat Lands
- Trash Removal
- Safe, Clean Water Stewardship Grants

Report Improvements

- Additional data in individual project financial tables
- Two new tables-- Appendix A-3.1 detailing “Other Revenue Sources” and A-3.2 to detailing “Transfer and Refunding Proceeds”

 Independent Monitoring Committee Report Fiscal Year 2018-2019 Project Recommendations Other Capital Flood Protection Projects and Clean, Safe Creeks Grants Projects		
Project:	Status:	Comment:
Permanente Creek Flood Protection San Francisco Bay to Foothill Expressway – Mountain View	Adjusted	IMC agrees with the project status. No recommendations.
Sunnyvale East and Sunnyvale West Channel Flood Protection San Francisco Bay to Inverness Way and Almanor Avenue – Sunnyvale	Adjusted	IMC agrees with the project status. No recommendations.
Berryessa Creek Flood Protection Calaveras Boulevard to Interstate 680 – Milpitas and San José	Completed	IMC agrees with the project status. Recommendation: <ul style="list-style-type: none"> • Add an asterisk to status of “Completed” with the explanation that there may be outstanding financial obligations for mitigation.

Change Control Process

Adjustment v. Modifications

6

Types of Changes	Adjustments	Modifications
Text	Edits to text for correction of grammatical errors, information/ data updates, and overall readability	Changes to a project's KPIs
Schedule	Adjustments to project schedules provided in the original SCW Program	
Funding	Fiscal Year budget adjustments and increases to project funding allocations that do not impact any project deliverables in the SCW Program	Increases to project funding allocations that will impact any project's KPIs in the SCW Program

Determine IMC Review Process

FY19 Annual Report Subcommittee Members

7

➤ Priority A & C	Kathy Sutherland (Subcommittee Chair) Bill Hoeft	Kit Gordon	Hon. Joe Head
➤ Priority B	Bill Hoeft (Subcommittee Chair) Farkhondeh "Susan" Kazemi	Tess Byler Eileen McLaughlin	Kit Gordon Hon. Carmen Montano
➤ Priority D	Kathy Sutherland (Subcommittee Chair) Hon. Dan McCorquodale	Kit Gordon Hon. Carmen Montano	Farkhondeh "Susan" Kazemi
➤ Priority E & Other	Eileen McLaughlin (Subcommittee Chair) Hon. Joe Head	Tess Byler Hon. Patrick S. Kwok	Kit Gordon Hon. Carmen Montano

IMC Review: Tentative Schedule

- Dec. 2, 2020 - IMC Review Kick-off Meeting
- Jan. 4-15, 2021 - IMC project review via priority subcommittees
- Jan. 27 - Subcommittee chairs report findings to IMC
- Jan. 28 or 29 - Report drafting meeting
- Feb. 5 - Draft report mailed to IMC members
- Feb. 10 - IMC meeting to review/finalize report
- Feb. 12 - IMC Audit Report of Year 7 finalized
- Feb. 23 - IMC presents Audit Report to the Board
- Mar. 9 - Staff Response presented to the Board

QUESTIONS





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<u>2019 SAFE, CLEAN WATER IMC</u> <u>SUBCOMMITTEES</u>	
<u>Priority</u>	<u>Members</u>

A & C	Kit Gordon Hon. Joe Head Bill Hoeft Kathy Sutherland
B	Tess Byler Kit Gordon Bill Hoeft Farkhondeh "Susan" Kazemi Eileen McLaughlin Hon. Carmen Montano
D	Kit Gordon Farkhondeh "Susan" Kazemi Hon. Dan McCorquodale Hon. Carmen Montano Kathy Sutherland
E & Other	Kit Gordon Hon. Joe Head Eileen McLaughlin Tess Byler Hon. Hon. Patrick S. Kwok Hon. Carmen Montano
Financial (NEW)	<i>(IMC decision during the review of FY2019 Safe, Clean water annual report.)</i>

Available dates/times (Zoom Video Teleconference):

January 4th 8:00 a.m.– 5:00 p.m.
January 5th 8:00 a.m.– 5:00 p.m.
January 6th 8:00 a.m.– 5:00 p.m.
January 7th 8:00 a.m.– 5:00 p.m.
January 8th 8:00 a.m.– 5:00 p.m.
January 11^h 8:00 a.m.– 5:00 p.m.
January 12th 8:00 a.m.– 5:00 p.m.
January 13th 8:00 a.m.– 5:00 p.m.
January 14th 8:00 a.m.– 5:00 p.m.
January 15th 8:00 a.m.– 5:00 p.m.

LESS THAN QUORUM = 6 people MAX on any Subcommittee

		
	Meeting Date:	12-2-2020
	Item No.	8
	Unclassified Manager:	Melanie Richardson 1-408-630-2035
SAFE, CLEAN WATER INDEPENDENT MONITORING COMMITTEE		

SUBJECT: Annual Report Finalization and Next Steps.

- A. IMC Report on the FY20 SCW Annual Report Finalized by February 10, 2021
- B. IMC Chair presents IMC Report to Board of Directors on February 23, 2021

RECOMMENDATION:

Receive and approve proposed schedule for finalizing the Independent Monitoring Committee (IMC) Annual Report and presentation of the Report to the Board of Directors.

SUMMARY:

Valley Water staff will propose the schedule to the IMC for its approval. The schedule will include proposed dates for sub-committee and full committee meetings for the completion of the IMC Annual Report and its presentation to the Board of Directors by the IMC Chair.


ATTACHMENTS:

Attachment 1: IMC Review Tentative Schedule

IMC Review: Tentative Schedule

- **Dec. 2, 2020** - IMC Review Kick-off Meeting
- **Jan. 4-15, 2021** - IMC project review via priority subcommittees
- **Jan. 27** - Subcommittee chairs report findings to IMC
- **Jan. 28 or 29** - Report drafting meeting
- **Feb. 5** - Draft report mailed to IMC members
- **Feb. 10** - IMC meeting to review/finalize report
- **Feb. 12** - IMC Audit Report of Year 7 finalized
- **Feb. 23** - IMC presents Audit Report to the Board
- **Mar. 9** - Staff Response presented to the Board

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	Meeting Date:	12-2-2020
	Item No.	9
	Unclassified Manager:	Sue Tippetts 1-408-630-2253
SAFE, CLEAN WATER INDEPENDENT MONITORING COMMITTEE		

SUBJECT:

Outcome of Public Hearing on the Proposed Modifications to Project E6: Upper Llagas Creek Flood Protection Project.

RECOMMENDATION:

Receive Overview on Outcome of Public Hearing on the Proposed Modifications to Project E6: Upper Llagas Creek Flood Protection Project; and the Board decision on funding Coyote Creek Flood Protection (Other) and E4: Upper Penitencia Creek Flood Protection Projects of the Safe, Clean Water and Natural Flood Protection Program.

SUMMARY:

Project E6: Upper Llagas Creek Flood Protection Project

The project's primary objective is to plan, design, and construct improvements along 13.9 miles of Upper Llagas Creek from Buena Vista Avenue in Gilroy to Llagas Road in Morgan Hill, including West Little Llagas Creek in downtown Morgan Hill.

In September 2019, Valley Water's construction contractor commenced building Phase 1 of the Upper Llagas Creek Flood Protection Project. While Phase I construction is underway and fully funded, completing the entire 13.9 mile-long two-phased project requires additional external funding. Valley Water is pursuing external funding, including a grant from the United States Department of Agriculture, Natural Resources Conservation Service, to address approximately \$70-\$80 million Project funding shortfall.

Meanwhile, to maximize the efficacy of the available secured funds, Valley Water proposed changing the reaches to be constructed with local dollars to include building the high-flow underground bypass tunnel and a section of underground, reinforced concrete box culverts.

Constructing the tunnel and portions of the proposed box culverts would fully utilize the remaining local funding, thus impacting the ability to fully build Reach 7 (7a and 7b), the local-funding only Key Performance Indicator (KPI). Furthermore, Reach 7b could not be constructed until the completion of the downstream Reaches 4, 5, 6, and 7a to prevent induced flooding in lower reaches.

As a result, Valley Water proposed modifying the local-funding only KPI #2 that increases the length of the project to be built by the available local funds from approximately 2.9 miles to approximately 4.9 miles. This modified KPI entailed constructing Reaches 4 and 5 (portion), 7a and 8 (portion), and the onsite compensatory mitigation at Lake Silveira.

The remaining project elements, namely Reaches 5 (portion), 6, 7b, 8 (portion) and 14, would be built later once external or other funding was available. In addition to being able to build as much of the project as possible utilizing available local dollars, this approach would keep the project construction moving forward without inducing flooding downstream, and maximizing the potential for external funding opportunities.

The City of Morgan Hill supported advancing the construction of the tunnel and box culverts. In a December 16, 2019 letter to the Valley Water Board, Mayor Rich Constantine stated, "For the City of Morgan Hill, completing the tunnel work sooner is highly important as this work will require staging on a section of the future Hale Avenue roadway in Morgan Hill. The City is on a tight timetable to complete this roadway improvement, and once completed, the tunnel work will become much more complicated and expensive."

Proposed modification to the Key Performance Indicator #2:

"With local funding only: Construct flood protection improvements along Llagas Creek from Buena Vista Avenue to Highway 101 in San Martin (Reaches 4 and 5 (portion), Monterey Road to Watsonville Road in Morgan Hill (Reach 7a), approximately W. Dunne Avenue to W. Main Avenue (portion of Reach 8), and onsite compensatory mitigation at Lake Silveira."

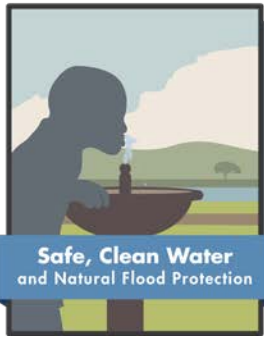
The original project text from the Safe, Clean Water Program showing all proposed modifications in strike-through text is included as Attachment 1.

Public Hearing Outcome:

On January 14, 2020, in the Board's review of Agenda Item 2.9, the Board approved the modification to KPI #2 of Project E6: Upper Llagas Creek Flood Protection Project.

ATTACHMENT:

Attachment 1: Upper Llagas Creek Flood Protection Project Modification



Safe, Clean Water and Natural Flood Protection Program



The Safe, Clean Water and Natural Flood Protection Program is a voter approved, 15-year program to ensure uninterrupted water resources services in Santa Clara County.

Project E6

Upper Llagas Creek Flood Protection Project Buena Vista Avenue to Wright Avenue – Morgan Hill, San Martin, Gilroy

Preferred project: A federal-state-local partnership

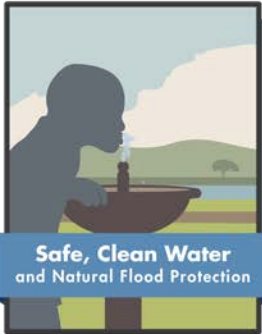
This project continues a Clean, Safe Creeks project in partnership with the U.S. Army Corps of Engineers (USACE) and the state to plan, design, and construct improvements along 13.9 miles of channel. The project extends from Buena Vista Avenue to Wright Avenue, including West Little Llagas Creek in downtown Morgan Hill. The federally authorized preferred project protects the urban area of Morgan Hill from a 1% (or 100-year) flood, and reduces the frequency of flooding in surrounding areas. Construction includes channel modifications and replacement of road crossings. Valley Water continues to work with Congress to aggressively pursue federal funds to bring this project to full fruition. In 2012, project limits were extended 2,700 feet upstream to Llagas Road to address public concerns.

Flooding History and Project Background

The area sustained damage in 1937, 1955, 1958, 1962, 1963, 1969, 1982, 1986, 1996, 1997, 1998, 2002, 2004, 2008, 2009, 2011 and 2017. In 2009, many businesses and residences in downtown Morgan Hill were flooded under 1 foot of water. The project builds on the planning, design and property acquisition initiated under the Clean, Safe Creeks plan of 2000.

Benefits

- Preferred project provides 1% flood capacity for 4 miles of channel in downtown Morgan Hill, protecting approximately 1,100 homes and 500 businesses
- Preferred project provides 10-year flood protection to approximately 1,300 agricultural acres in Morgan Hill, Gilroy and San Martin
- Locally-funded-only project provides 1% flood protection for a limited number of homes and businesses in Morgan Hill
- Improves stream habitat and fisheries
- Creates additional wetlands
- Improves stream water quality
- Identifies opportunities to integrate recreation improvements with the City of Morgan Hill and others as appropriate



Safe, Clean Water and Natural Flood Protection Program



Key Performance Indicators (15-year Program)

1. Preferred project with federal and local funding: Provide flood protection to 1,100 homes, 500 businesses, and 1,300 agricultural acres, while improving stream habitat.
2. With local funding only: **Construct flood protection improvements along Llagas Creek from Buena Vista Avenue to Highway 101 in San Martin (Reaches 4 and 5 (portion), Monterey Road to Watsonville Road in Morgan Hill (Reach 7a), approximately W. Dunne Avenue to W. Main Avenue (portion of Reach 8), and onsite compensatory mitigation at Lake Silveira. Provide 100-year flood protection for Reach 7 only (up to W. Dunne Avenue in Morgan Hill).**
~~A limited number of homes and businesses will be protected.~~

Geographic Area of Benefit: Morgan Hill, San Martin and Gilroy