1. Meeting Purpose

2. Santa Clara Valley Water District Mission

3. Project Background and Overview

4. Project Schedule

5. Draft Environmental Impact Report (DEIR) Summary

6. Next Steps/Public Comments on DEIR
Meeting Guidelines

- Please silence cell phones
- Please hold all questions to the end of the presentation
- Microphone is available if you wish to speak
- Comment cards are available at the front table
Agenda

1. Meeting Purpose
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The mission of the Santa Clara Valley Water District is to provide Silicon Valley safe, clean water for a healthy life, environment, and economy.
SCVWD Core Services

Clean, Reliable Water

Flood Protection

Healthy Creeks & Ecosystems
SCVWD Serves

2,000,000 people

15 cities

12 water retailers

4,700 direct well owners
1. Meeting Purpose

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3. **Project Background and Design Overview**

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History of Flooding (January 1983)
Upstream Projects

Lower Penitencia Creek Project

Lower Berryessa Creek Project

Upper Berryessa Creek Project
Why do this project?

- Completion of the Lower and Upper Berryessa Creek Projects will increase the one percent flow in the Berryessa – Lower Penitencia Creek system.
- Additional improvements are required along Lower Penitencia Creek to increase its capacity to convey the increased one-percent flow.
Project Objectives

- Convey the Lower Berryessa Creek one-percent design flow
- Meet required water surface elevations at Coyote Creek and Berryessa Creek confluences
- Minimize the need for seasonal removal of sediment and non-woody vegetation
- Maintain existing Federal Emergency Management Agency (FEMA) accreditation along east levee located between California Circle and Berryessa Creek
- Ensure improvements meet FEMA certification requirements
Proposed Improvements (Reach 1)

Reach 1 — Coyote Creek to Interstate 880

- Proposed relocated and raised levee 4 feet higher
- Proposed 50 ft. wetland vegetated bench
- Existing levee (to be removed)
- Wetland Vegetated Bench
- Relocated and Raised Levee
- Lower Penitencia Creek
- N McCarthy Blvd
- Coyote Creek
- Dixon Landing Blvd
- Interstate 880
Proposed Improvements (Reach 2)

Reach 2 — Interstate 880 to California Circle

- Proposed Floodwall
- Lower Penitencia Creek
- Dixon Landing Blvd
- California Circle Pump Station
- Existing maintenance road
- Existing concrete lining

Diagram overview:
- Proposed 6 ft. floodwall
- Interstate 880
- California Circle
- Proposed Floodwall
- Lower Penitencia Creek
Proposed Improvements (Reach 3)

Reach 3 — California Circle to Cascadita Terrace

- Proposed Floodwall
- PG&E Tower
- Proposed Floodwall
Proposed Improvements (Reach 4)

Levee Raise

Proposed Floodwall

Lower Penitencia Creek

Proposed Headwalls

Abbott Pump Station

Reach 4 — Milmont Drive to San Andreas Drive
Proposed Channel Improvements
Sheet Pile Floodwall

Long Beach, CA
Sheet Pile Floodwall

Long Beach, CA
Sheet Pile Floodwall

Downtown Guadalupe
San Jose, CA
Sheet Pile Floodwall (Color Coatings)
Construction Noise
Construction Vibration
Concrete Wall Option (used for Upstream Projects)
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Project Schedule

Project schedule

calendar years

13  14  15  16  17  18  19  20

PLANNING

DESIGN

ACQUIRE PERMITS

CONSTRUCTION

Periodic community meetings and project updates

We are here

Lower Penitencia Creek Improvements Project
Agenda

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CEQA Process and Schedule

1. Notice Of Preparation
   - June 2015

2. Draft EIR
   - May 2017
   - 45-day Public Review
   - 30-day Public Scoping

3. Final EIR
   - Fall 2017
   - Public Notice

4. Findings, NOD
   - Fall 2017

Lower Penitencia Creek Improvements Project
Environmental Resources Evaluated

- Aesthetics
- Air quality
- Biological resources
- Cultural resources
- Geology, soils and seismicity
- Greenhouse gas emissions
- Hazards and hazardous materials
- Hydrology and Water Quality
- Land use and planning
- Noise and vibrations
- Recreation
- Transportation/traffic
- Utilities/service systems
- Cumulative impacts
Impacts Mitigated to Less than Significant

Temporary Construction-related:

- Air Quality
- Biological resources
- Hazardous materials
- Traffic

Construction and Operation:

- Geology, soils and seismicity

Cumulative Impacts:

- Air quality
- Biological resources
- Greenhouse gas emissions
- Traffic
Significant and Unavoidable Impacts

- Temporary noise impacts during construction period (June 15 to October 15)
- Temporary groundborne vibration impacts during construction phase (June 15 to October 15)
- Cumulative noise and vibration impacts during construction period (June 15 to October 15)
Alternatives to Proposed Project

- No Project Alternative

- Alternative 1: Reach 1 Raised Levee, Floodwalls, and Ongoing Sediment Removal

- Alternative 2: Reach 1 Raised Setback Levee, Reaches 1 and 3 Wetland Benches, and Floodwalls

- Alternative 3: Reach 1 Raised Levee, Reach 3 Concrete Lining, and Floodwalls
Contents of Final EIR

- Copies of written comments received on the Draft EIR
- District responses to written comments on Draft EIR
- Changes to the Draft EIR made in response to comments
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6. **Next Steps/Public Comments on DEIR**
Effective Commenting

- Public input is valued and important
- Keep comments substantive and focused on the CEQA analysis
- Comments may be provided in writing during the public review period via mail, email or website.
How to Comment After Today

- Comments due: 5:00 pm on July 3, 2017
- Submit comments online: www.valleywater.org/PublicReviewDocuments.aspx
- Send written comments to:
  
  Michael Coleman  
  Santa Clara Valley Water District  
  5750 Almaden Expressway  
  San Jose, CA  95118  
  Phone: (408) 630-3096  
  E-mail: mcoleman@valleywater.org  
  Subject Line:  Lower Penitencia Creek CEQA Comments

Include a name, address, contact number, and email address for future correspondence related to this CEQA process
Questions?
History of Flooding (March 1982)
History of Flooding (March 1983)
History of Flooding (March 1983)
History of Flooding (February 1998)