

Uvas Creek Levee Rehabilitation Project

City of Gilroy Council Meeting – June 4, 2018

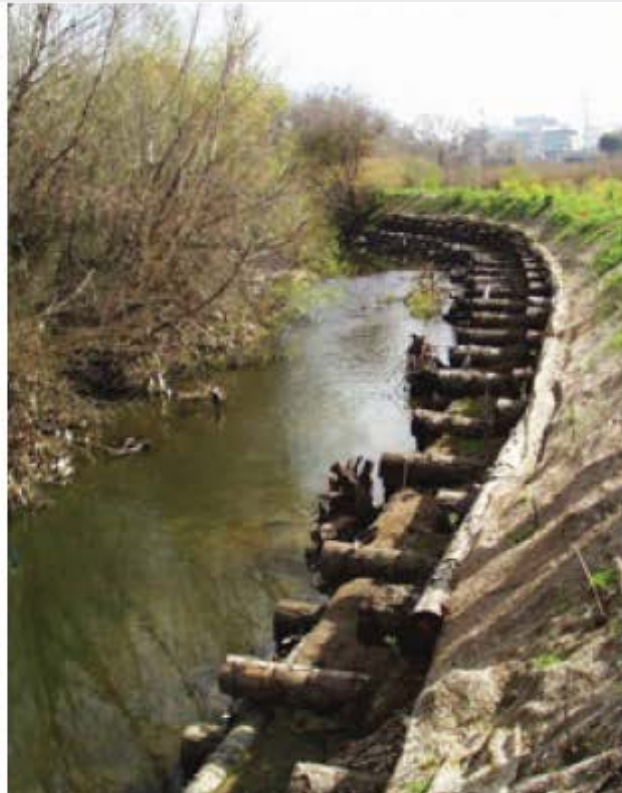


What we do.....

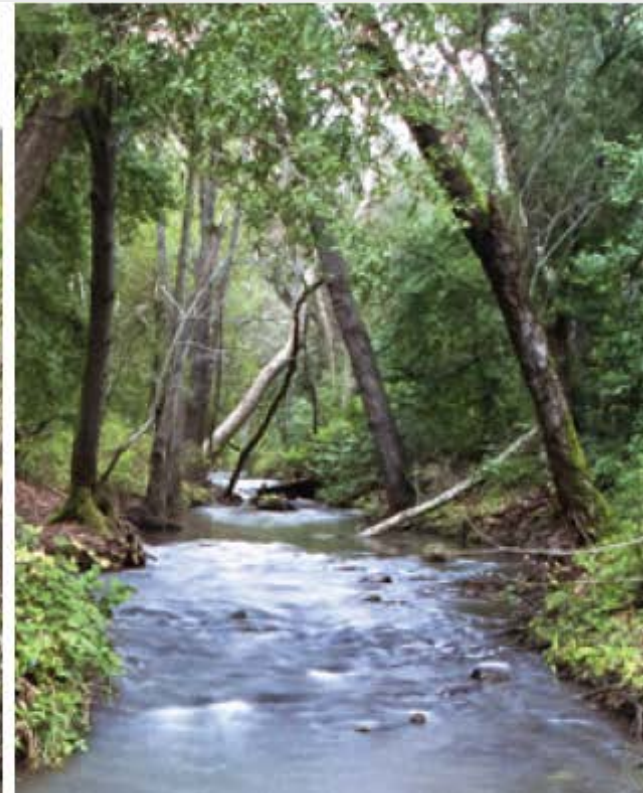
Mission: Provide Silicon Valley with safe, clean water for a healthy life, environment and economy



**CLEAN AND RELIABLE
WATER**



FLOOD PROTECTION



**HEALTHY CREEKS AND
ECOSYSTEMS**



Kremen



Santos



Estremera



Hsueh



Keegan



LeZotte



Varela

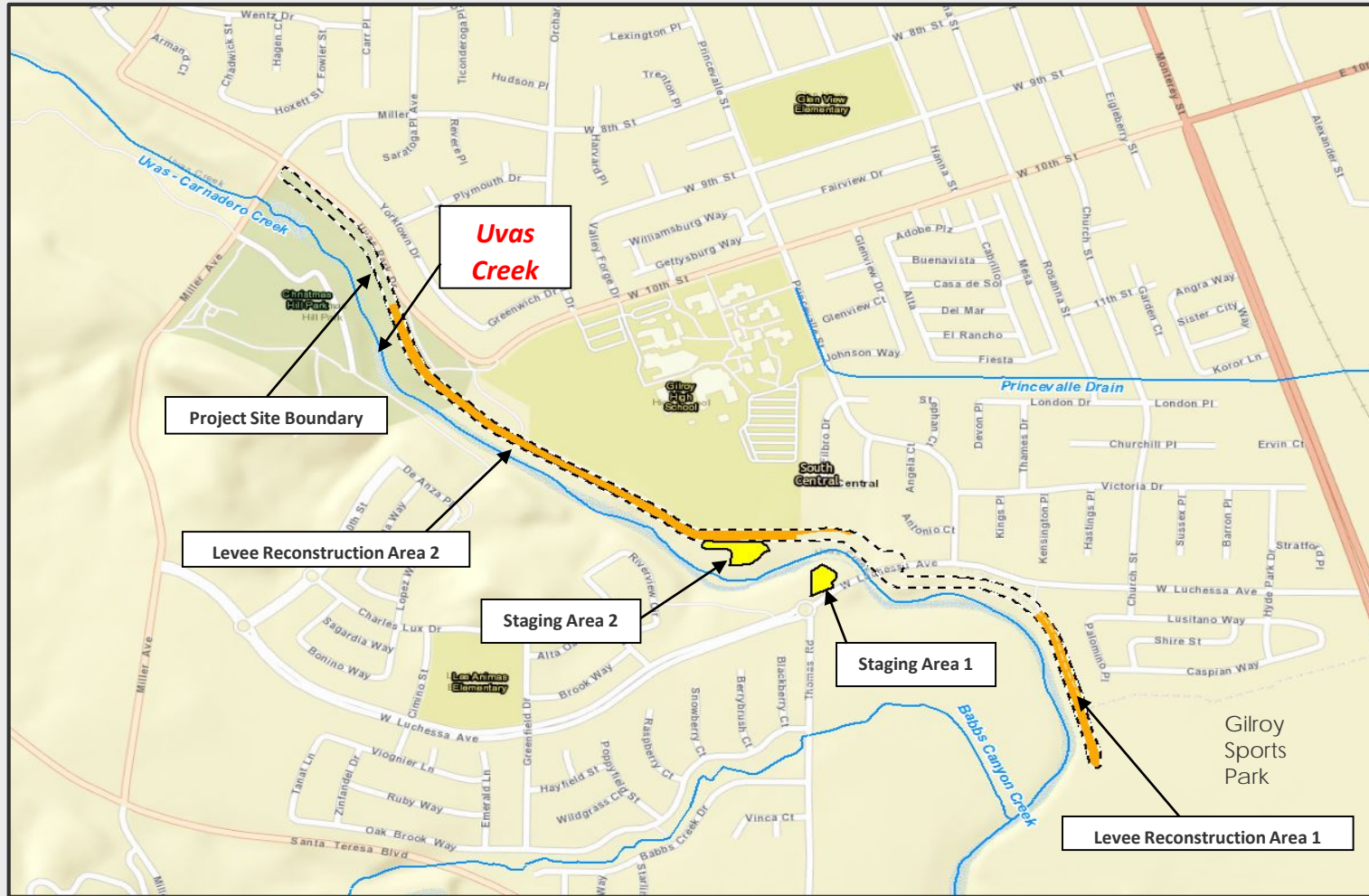


Santa Clara Valley Water District Board of Directors

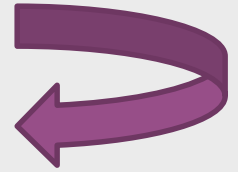
Uvas Creek Levee Rehabilitation Project

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- ▶ Permit approvals
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Project background



Project location



Uvas Creek Levee Rehabilitation Project



Project background

1. Levee Improvement Project – US Army Corps of Engineers construction 1987-1988
2. Levee maintenance – Santa Clara Valley Water District
3. Uvas Creek channel flows towards Pajaro River
4. Channel and levees provide one percent flood protection to the community of Gilroy – 17,000 cubic feet per second channel flow
5. Army Corps annually inspects structural integrity of the levees

Channel
← side



Land
side →

Levee trail

Why do the project?

1. Corps deems levee "unacceptable" due to excessive animal burrowing
2. Compromised structural integrity
3. Water piping impacted due to network of burrowed holes within levee
4. Potential damage to adjacent properties due to consequential flooding
5. Restore and preserve levee to original conditions
6. Prevent occurrence of holes within project area

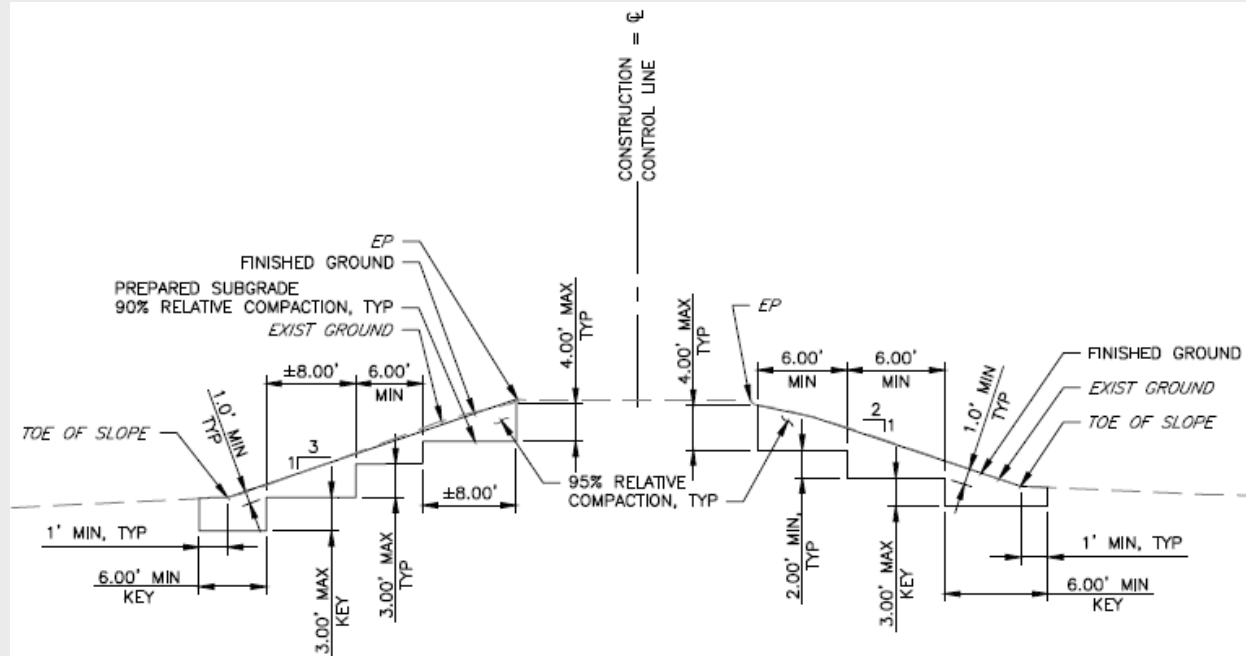


Burrowing activity
south of Miller
Avenue

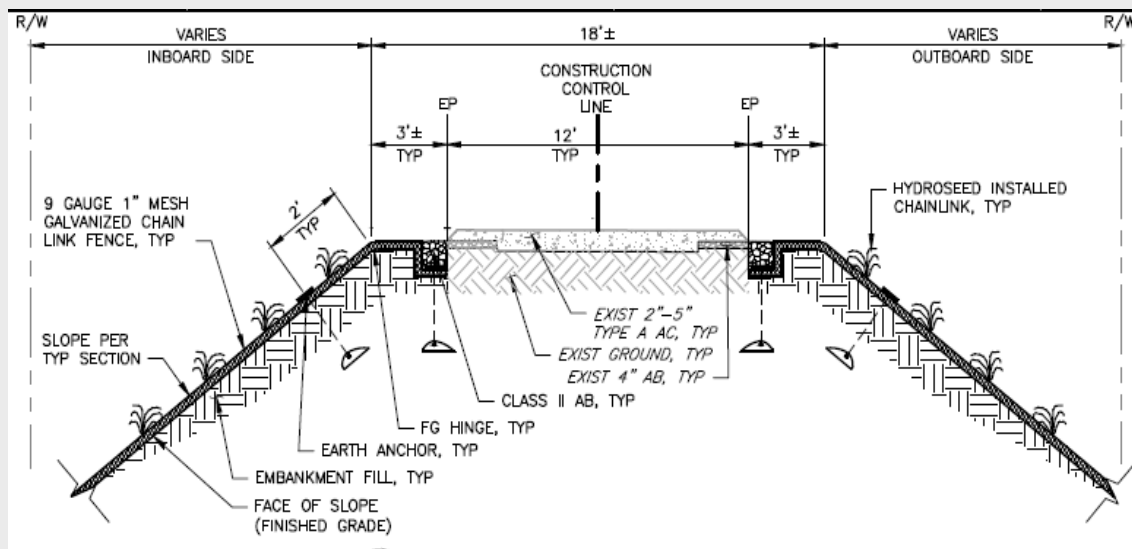


Burrowing activity
south of West
Luchessa Avenue

Project elements



- Mow existing grasses and remove 36 trees within excavation zone
- Excavate soil thru benching
- Reuse or Import soil to bring back levee to as-built conditions



- Place and anchor chain link fence fabric on new slopes to prevent future burrowing activity
- Hydroseed finished slopes

Project impacts and mitigation

Project impacts

1. Incidental take of California Tiger Salamander
2. Trail access not allowed during construction
3. Equipment traffic on trail to reconstruct levee could impact trail pavement
4. At levee channel side, excavation work will be above existing recycled water line

Mitigation

1. Valley Habitat Plan blanket permit allows take through in-lieu fee for preservation of California Tiger Salamander at a preserve
2. Levee channel side to be reconstructed first, then land side. During non-construction hours, half of the trail shall be secured to allow limited access use of the trail
3. Existing joint use agreement allows district to maintain levee. District and city of Gilroy will enter into agreement to address trail pavement repairs as separate bid item, with limited city of Gilroy funding allocation
4. Potholing to be performed, so excavation shall be at least 2-feet above recycled water line

Permit approvals

1. Valley Habitat Plan (VHP) Blanket Permit requires compliance with California Environmental Quality Act (CEQA)
 - Major Regulatory Sponsors: Army Corp, US Fish and Wildlife Service and the California Department of Fish and Wildlife
 - Pending CEQA Negative Declaration prior to project award
2. Encroachment permit from the city of Gilroy
 - To access city of Gilroy roads for truck hauling
 - To access staging areas

Community outreach

The water district will oversee timely and consistent community outreach for the project. Tools include:

1. Pre-construction meeting
2. School parent club presentations
3. Project web page
4. Quarterly flyers
5. Social media updates on Nextdoor, Facebook and district blog
6. Rapid customer response via district's Access Valley Water

Project Manager Ted Ibarra will serve as the water district contact at 408-630-2067

Community meeting
Lower Berryessa Creek Flood Protection Project

Santa Clara Valley Water District

You are invited

Date: **Monday, May 18, 2015**

Time: **6:30 - 8 p.m.**

Place: Barbara Lee Senior Center
40 North Milpitas Blvd
Milpitas, CA 95035
(see map on back)

Please join the Santa Clara Valley Water District for a pre-construction meeting regarding the Lower Berryessa Creek Flood Protection Project.

Flood protection work set to begin in your neighborhood

The Santa Clara Valley Water District will begin flood protection work this summer along

CLEAN RELIABLE WATER FLOOD PROTECTION

- Flood Protection Resources
- Flood Safety Tips
- Text Alerts
- Sandbag Sites
- Projects
 - Attohe Creek Restoration Project
 - Lower Berryessa Creek
 - History
 - Maps And Photos
 - Meetings And Notices
 - Timeline
 - Upper Berryessa Creek Flood Protection Project
 - Bollinger Road Bridge Reconstruction
 - Calabazas Creek Capacity Improvement Project
 - Calabazas Creek Flood Protection Project (Miller To Wanda)
 - Coyote Creek Flood Protection Planning Study
 - Flood Improvements At Cunningham Park
 - Guadalupe River
 - Lower Llagas Creek Capacity Restoration Project
 - Upper Llagas Creek
 - Lower Penitencia Creek Improvements Project
 - Upper Penitencia Creek Project
 - Permanent Creek Flood Protection
 - San Francisco Creek Flood Protection
 - Lower Silver Creek
 - Sunnyvale East And West Channels
 - Flood Protection & Stream Stewardship Master Plan 2010
 - Federal Flood Insurance Program
 - ValleyWater@Risk
 - Natural Flood Protection
 - Tidal Flooding

Home > Services > Flood Protection > Lower Berryessa Creek

Lower Berryessa Creek

Lower Berryessa Creek Flood Protection Project

The Lower Berryessa Creek Flood Protection Project extends approximately 1.7 miles through the city of Milpitas, from its confluence with Lower Penitencia Creek, south to Calaveras Boulevard. The project also includes about 2.1 miles of Calera and Tularcitos creeks. These two smaller creeks are tributaries to Berryessa Creek and must also be modified to prevent water from overflowing their banks. When complete, this project will protect vast portions of the City of Milpitas from flood events.

A project sheet available for Lower Berryessa Creek Project

Fact sheets covering the selected alternatives are available here:

- Locations A&B
- Location C
- Location D

Planning and environmental documents for this project can be found in the "Meetings and Notices" section for this project page linked at left.

Project contact:
For more information on this project, contact Project Engineer, Ted Ibarra at (408) 630 2067 or by email at tbarra@valleywater.org

Santa Clara Valley Water District

Your tax dollars at work

Lower Berryessa Creek Flood Protection Project

The Santa Clara Valley Water District is improving the capacity of Lower Berryessa Creek from Lower Penitencia Creek confluence to Abel Street to provide flood protection for the surrounding neighborhoods in the city of Milpitas. The construction project will also protect and restore the creek ecosystem. This project is being funded by the water district's Stream Stewardship Fund and the State of California's Disaster Preparedness and Flood Protection Bond Act of 2006 (Proposition 1E).

Board of Directors:

- Dennis Kennedy, District 1
- Barbara Keegan, District 2
- Richard P. Santos, District 3
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(408) 478-3220
www.valleywater.org

You can reach us online

Access Valley Water

Welcome to Access Valley Water, an easy-to-use service tool to submit questions or to find out the latest information on projects in your area. Visit our website at www.valleywater.org and click on Access Valley Water. In four easy steps, you can submit any questions, complaints or compliments directly to a water district staff person who can help you.

Here's how it works:

1. Visit our website at www.valleywater.org and click on the Access Valley Water link.
2. Select the "Projects or work going on in my neighborhood" tab and click on Berryessa Creek (Lower) flood protection project and click "Next>>".

What to expect during construction?

- Work period: August – December 2018
- Hours: 7 a.m. - 7 p.m. weekdays with potential Saturday work
- Excavators/compactors
- Truck hauling
- Biological surveys and relocations
- Dust, vibration, noise and traffic control



Next steps and construction schedule

1. Next steps

- Pre-bid meeting at site: June 6, 2018
- Open bids: June 27, 2018
- Award contract: July 10, 2018

2. Construction schedule

- Mobilize onsite: As early as July 23, 2018
- No construction during Gilroy Garlic Festival days
- Begin actual groundbreaking: Aug. 1, 2018
- Weekday work only, with Saturdays as needed
- Complete construction: Dec. 31, 2018

Questions/comments?

Thank you all