Upper Berryessa Creek
Construction Activities for 2016-2017
September 12, 2016

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Purpose

1) Present the Construction project for Berryessa Creek
2) Project Schedule
3) Expected impacts to community
4) Contact information
Agenda

- Introductions
- Background on project
- Project intent/benefits
- Project limits
- Key features of construction
- Timing of construction
- What public can expect
- Question/Answers
Background on Project

- Authorized by Congress in 1990

- Berryessa Creek Project is a single-purpose flood risk management project


- Completed design in 7/2016

- Awarded construction contract 8/2016
Existing Flood Hazard
Project Intent/Benefits

- Provides flood protection for homes, businesses, future BART service and neighboring communities
- Improves maintenance access to Lower Berryessa Creek for water district staff
- Replace invasive vegetation with native species and wetland vegetation in the bottom of the sideslope
Project Limits

Current Project Area

Lower Berryessa Project (by SCVWD)
Channel Area Changes

Average 50% increase in conveyance area

Existing bottom width: 10’-15’

Proposed bottom width: 15’-40’
Photo-simulation Union Pacific Railroad
Trestle Replacement
Photo-simulation Upstream of Montague Expressway
Bank Stabilization

Berryessa Creek
Bank Erosion
Environmental Setting and Potential Effects

• Existing project area has minimal, low quality vegetation within creek

• Short term and temporary effects to biological resources, noise, and traffic

• Use best management practices and mitigation measures to avoid and minimize effects
Key Features of Construction

- Trapezoidal channel
- Bank stabilization
- Floodwalls
- UPRR bridge replacement
- Access roads
- Utility relocations
Timing of Construction

- 2016 Construction will start Oct 3 until Oct 30, 2016
- 2017 work will start in March, 2017

- 2016 Work to include:
  - Completing the lay-down yard off of Pectin Court
  - Tree limb trimming
  - Clearing, hauling, construction and hydro-seed of approx. 500 linear feet of channel improvements
What to Expect During Construction

- Weekday and Saturday work hours: 7 a.m. to 7 p.m.
  - Within 500 feet of residential units: Monday – Friday only
- Heavy equipment
- Traffic control
- Biological surveys
- Dust, vibration and noise control
What Public Can Expect in 2016

- Construction equipment delivered via Pectin Court
- The entire site for 2016 will be accessed through Pectin Court
- Small stockpiles at Pectin Court
- Construction equipment with diesel engines running 8 hours a day from October 3 – 30, 2016.
Contact Information

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Q & A

• Now, we’ll take some clarifying questions.
  • Please wait to be called
  • Limit speaking to 3 minutes

• Staff will be here after the Q & A session. Feel free to view the posters and ask any questions, and we’ll try to help.

• If you’d like to depart, we want to thank you for your attendance.