Agenda

1. Introductions
2. District 29 overview
3. Existing Sweetwater System
4. Project Benefits
5. Proposed Improvements
6. Initial Investigations
7. Project Schedule
8. Questions and Answers
Introductions

• Eddie Maguino, Los Angeles County Public Works
• Eric Porkert, PE, Cannon
• Michael Kielborn, PE, Cannon
• Jennifer Marks, Psomas
• Greg Corson, PG, CEG, Ninyo and Moore
Description of District 29

• More than 7,500 service connections serving approximately 20,000 people
• 50 water storage tanks
• 200 miles of pipelines
• 1 primary water supply source
Existing Sweetwater System
Project Benefits

• Water system components near or at end of facility life cycle

• Local Benefit (residents/commercial)
  – Water Main Upsizing
    ➢ Improved Fire Flow
  – Reservoirs/Tanks
    ➢ Additional Fire Storage

• Regional Benefit (District)
  – Reservoirs/Tanks
    ➢ Additional Emergency Storage
    ➢ Additional Equalizing Storage
Proposed Improvements
Proposed Improvements

Pipe along Sweetwater Mesa Road

New Tank Site

Existing Sweetwater Tank

Serra Tank
Initial Investigations

Engineers & Geotechnical

- Field Reconnaissance to Photo-Document and Map the Site Geologic Conditions.
- Mark-out of Proposed Boring Locations and Notification of Dig-Alert.
- Topographic Surveying.
- Subsurface Exploration, including the following:
  - Traffic flaggers
  - Daytime Work; Nighttime Work on PCH
Initial Investigations

Environmental

– Onsite Work:
  • Conduct site visits to assess visual, cultural, and biological resources and photograph and document the existing environmental setting of the project site and surrounding area.

– CEQA Compliance:
  • Initiate the CEQA process and prepare environmental documentation, per Section 15063 of the State CEQA Guidelines.
  • Analyses and potential impacts to community include the following:
    ➢ Aesthetics, Air Quality, Noise, Traffic
    ➢ Others (Biological Resources, etc.)
Project Schedule

• Design and Environmental Documentation (including field studies)
  ➢ June 2019 to October 2020

• Construction
  ➢ April 2021 to April 2022
Questions?
Eduardo Maguino, Project Manager
P: (626)300-3318
EMAGUINO@dpw.lacounty.gov
www.lacwaterworks.org
waterworksprojects@dpw.lacounty.gov