SAFE CLEAN WATER PROGRAM

TECHNICAL RESOURCES PROGRAM
FISCAL YEAR 2027-2028

Chester Washington Golf Course Stormwater Improvement Project

SOUTH SANTA MONICA BAY WATERSHED AREA

PROJECT LEAD:

Los Angeles County

PRESENTATION DATE:
OCTOBER 21, 2026

PRESENTED BY:

Kenny Khov-Chea & Anthony Vidal



Project Overview

Feasibility study for potential stormwater improvements (BMPs, storm drain) at Chester Washington Golf Course

Primary Objectives:

- Water quality improvement through implementation of feasible stormwater BMPs (diversion, infiltration, treatment)
- Enhancement of the failing local storm drain system to improve flood resilience

Secondary Objectives:

- Evaluate potential local water-supply benefits through infiltration, if feasible
- Recreational enhancements

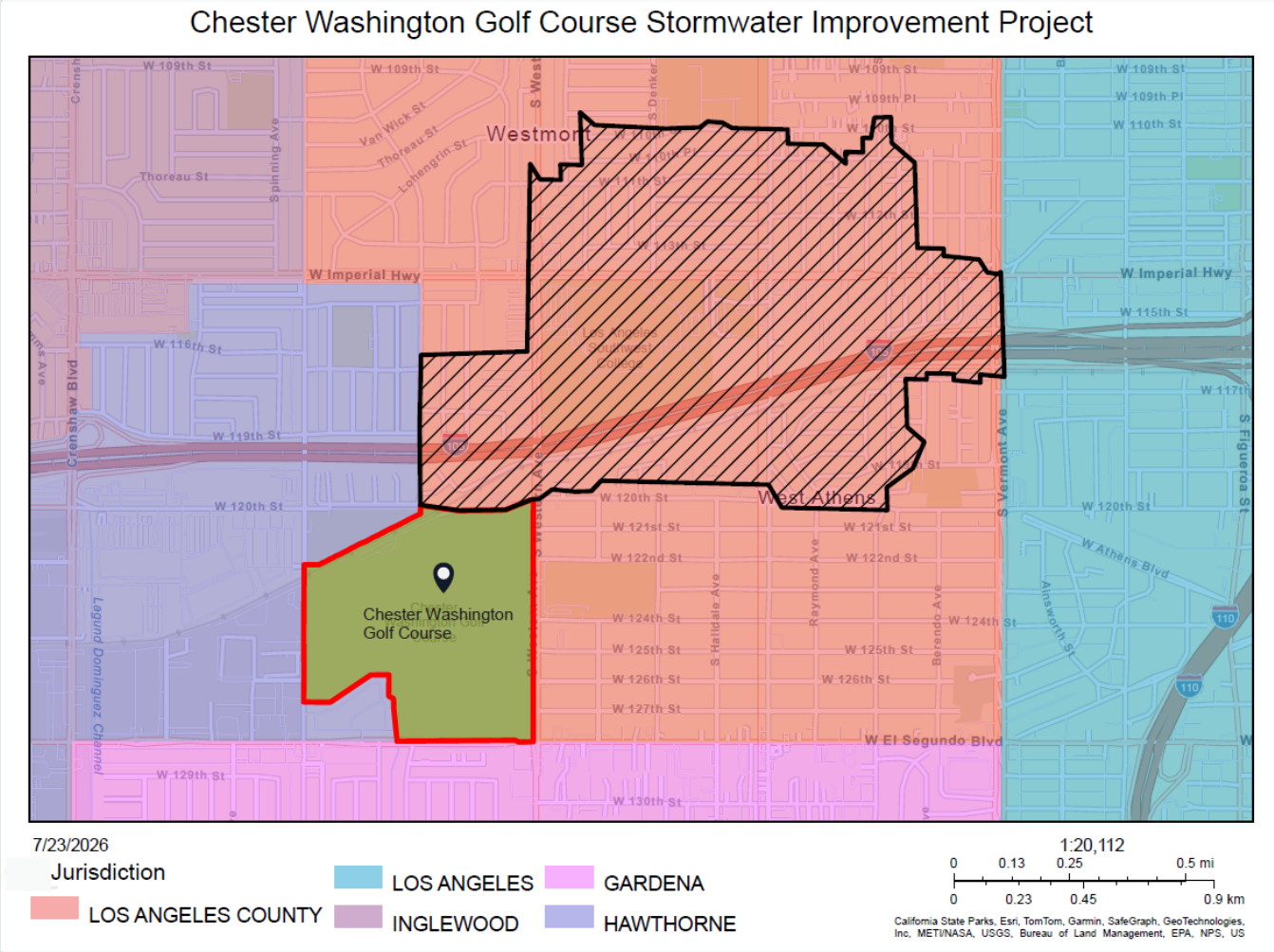
Technical Resource Program Funding Request: $400,000



Water Quality



Project Location



- Located in the Dominguez Channel Watershed
- Downstream waterbody
  - Dominguez Channel
- Drainage Area - 464 acres
- The drainage area falls entirely within LA County (UA)
  - Neighbors City of Hawthorne, Gardena and Los Angeles
- WASC – South Santa Monica Bay

Disadvantaged Community



- The project area is located within a Disadvantaged Community
  - Athens - Westmont
- Reduce stormwater runoff and flood risk
- Potential for enhanced recreation, shade, and community well-being

Project Background

Why was the Project location selected?

- Identified in the **Dominguez Channel WMP** as a regional stormwater capture opportunity
- Chester Washington Golf Course provides existing **open space**
- Opportunity to address **water quality priorities** within the Dominguez Channel watershed and nearby damaged storm drain

How was the Project developed?

- Early hydrology study identified potential capture runoff of 464 acres
- **Preliminary investigations** were performed at the golf course



The Feasibility Study will refine the preferred **BMP configuration, footprint, and project approach**

Coordination and Collaboration

- Coordination with LA County Parks and Recreation, American Golf Corporation, and Caltrans
- Local community support for project will be pursued
- Coordination with and approval from the Flood Control District will be pursued
- Vector control will be taken into consideration in the design phase



Project Details

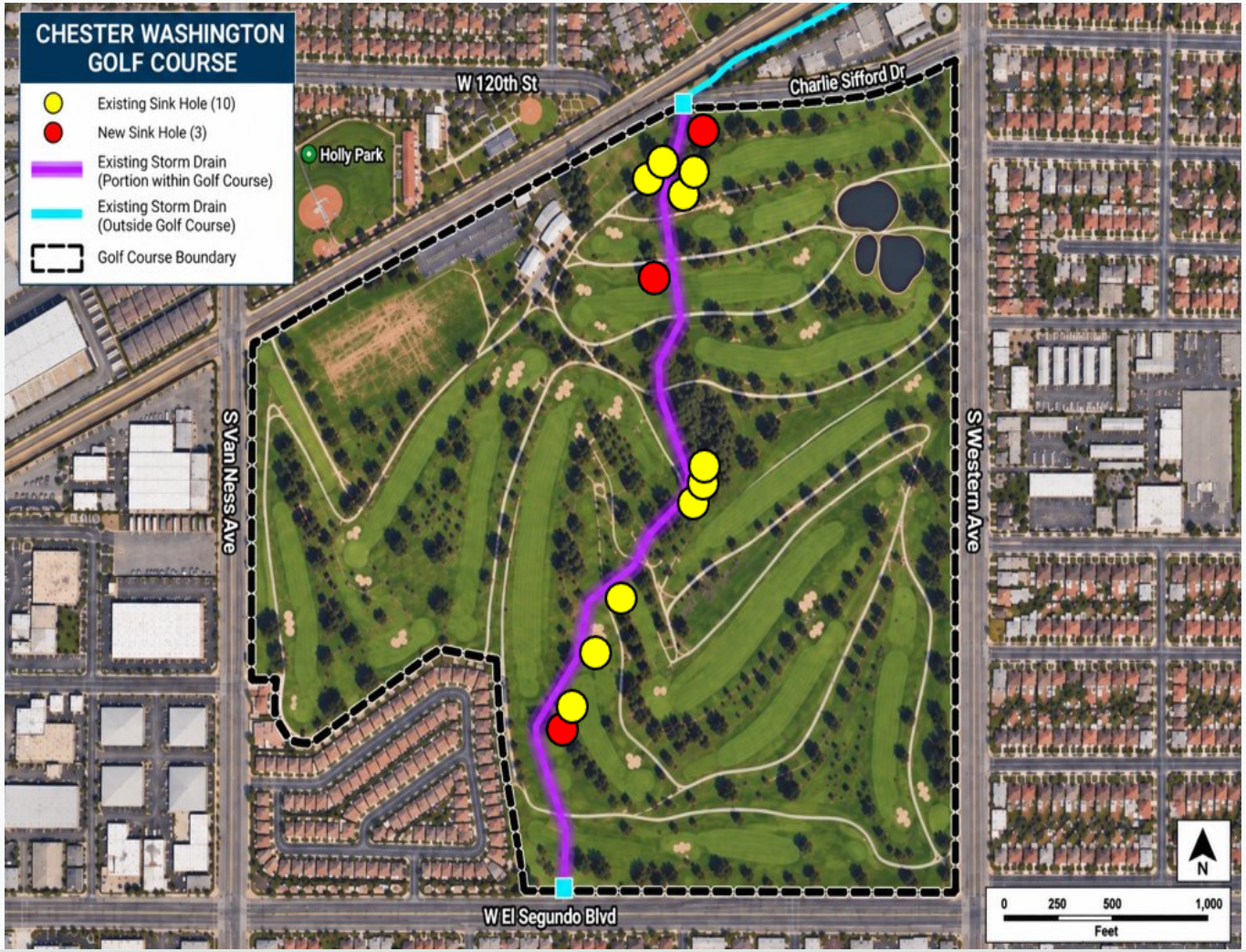


Potential Storage Features:

- Diversion structures connect to existing storm drain system
- Subsurface stormwater storage, diversion to sewer, bioswales and drywells
  - Improve water quality and increase water supply
- Minimize impacts with golf course operations
  - Perforated galleries beneath the site – underground BMP
  - Drywells along perimeter of golf course
- **Concept to be refined through findings from feasibility study and during final design**

PROPOSED DRYWELLS
EXISTING STORM DRAIN
LACSD SEWER LINE
GOLF COURSE PROPERTY BOUNDARY
PROPOSED CONNECTION PIPES
PROPOSED STORAGE AREA

Project Details



Potential Flood Protection:

- Improve flood protection by enhancing golf course's storm drain infrastructure
  - Implement vegetated swales along storm drain
  - Enhance stormwater conveyance and infiltration
  - Rehabilitate existing drainage infrastructure
- Evaluate open-channel drainage alternative
- **Concept to be refined through findings from feasibility study and during final design**



Anticipated Schedule

MILESTONE	ESTIMATED COMPLETION DATE
Feasibility Study completion (30% design)	12/2028
60% Design and Begin CEQA	12/2029
100% Design & CEQA approved	12/2031
Construction	12/2033

Water Quality & Water Supply Benefits

- The project will seek to treat dry and wet weather runoff
- Project will help reduce TMDL pollutants - nutrients, toxic pollutants, trash, and bacteria
- The project will explore local stormwater reuse through infiltration potentially with storage systems and bioswales
- Potential groundwater augmentation or diversion to sewer will be explored



Community Investment Benefits and Nature Based Solutions

- Community Investment Benefits
  - Potential local flood management
  - Reduce heat island effect
  - Increase shade and number of trees

- Nature-Based Solutions
  - Potential nature-based solutions
    - Native vegetated bioswales
    - Trees
    - Drought tolerant landscaping





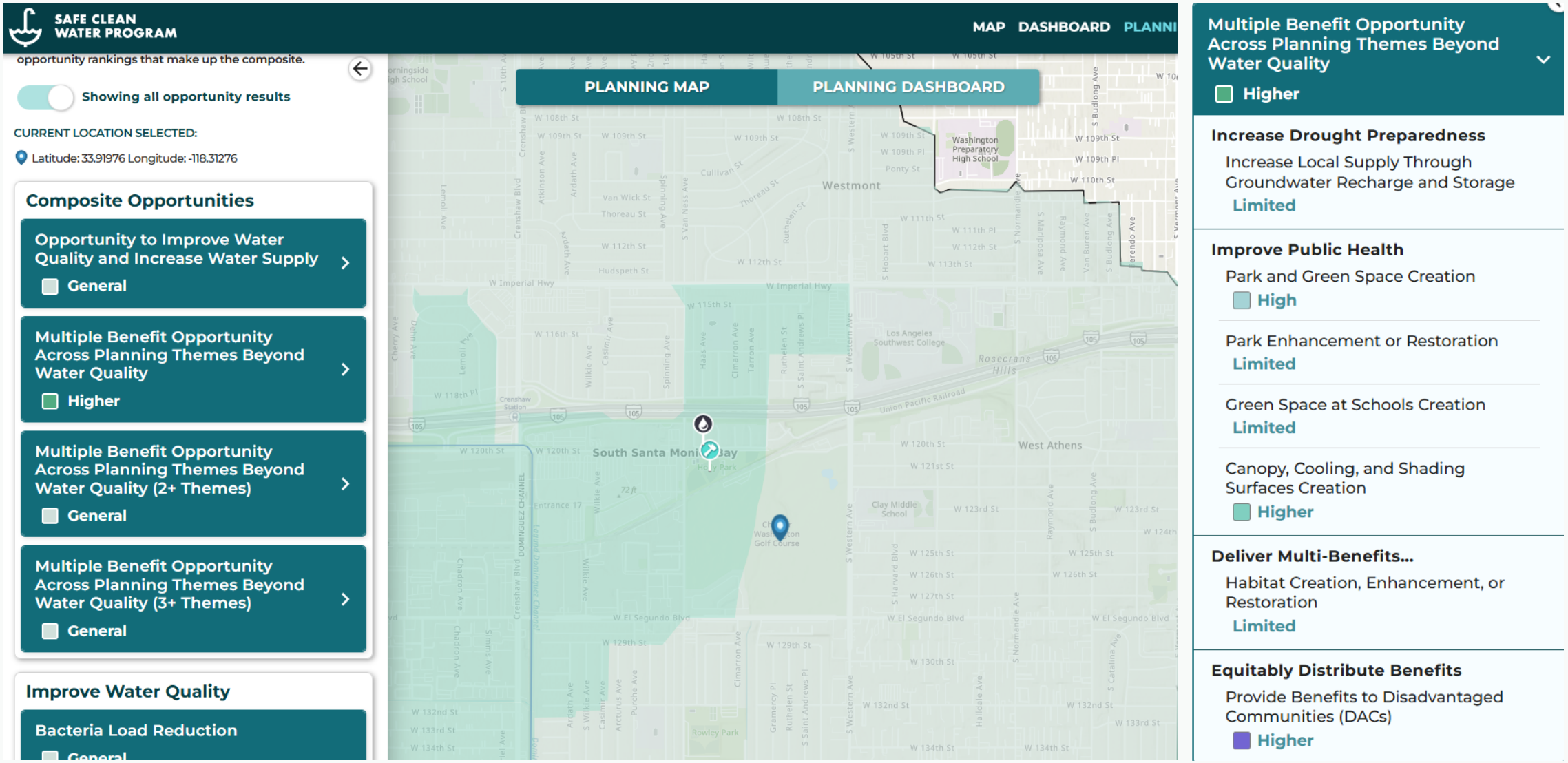
Leveraging Funds and Community Support

- Leveraging Funds
  - Following the completion of the feasibility study, we will pursue various funding sources:
    - County general funds
    - State and local grants



- Community Support
  - The County always works with the community and seeks community support for all our projects
  - We will conduct multiple community outreach events during the feasibility study and design phases of the project

Watershed Planning Alignment



Thank you

QUESTIONS?

Los Angeles County Public Works
Anthony Vidal – Principal Civil Engineering Assistant
Kenny Khov-Chea – Associate Civil Engineer