



Status of the Groundwater Recharge Feasibility Studies

Water Resources Committee Meeting
August 10, 2022
Item: 4.1

Agenda

- Background Information
 - Purpose
 - Overview of Completed Activities
- Recent Efforts
- Next Steps



Purpose of Recharge Feasibility Study

- Build from Previous Efforts
- Determine Feasibility of Local Groundwater Recharge
- Strategic Plan
 - Goal C - Water Supply and Resource Sustainability
Implement programs to ensure the service area has reliable and sustainable supplies of water.
- Increase Resiliency of Local Supplies



West End Recharge Study Site



East End Recharge Study Site

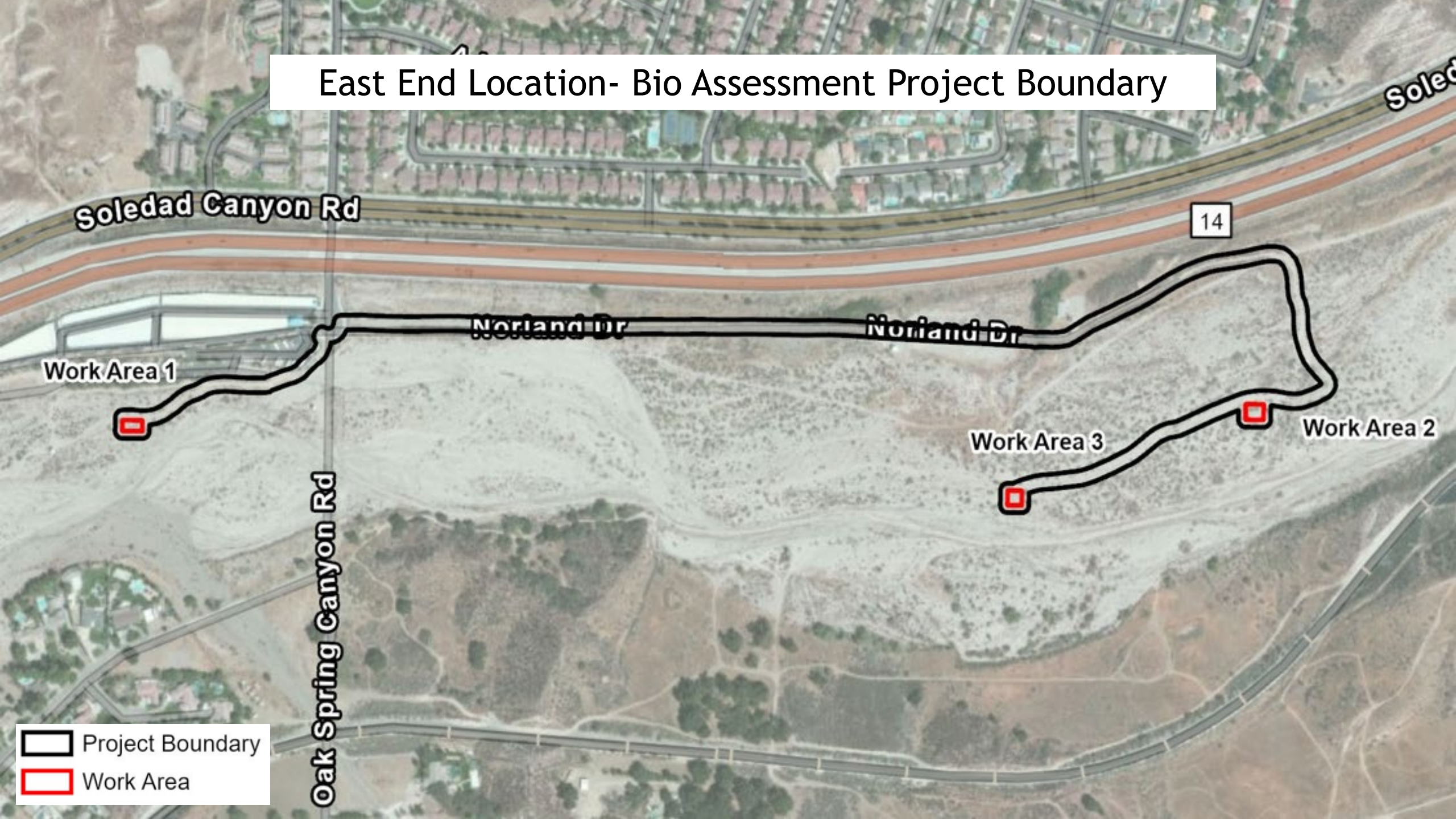


Completed Activities

- **West End Recharge Study Location (Old Castaic School Site)**
 - Phase I Environmental Analysis
 - Geophysical Survey
 - Infiltration Testing, Borehole Sampling, and Monitoring Well Installation
 - Data Collection and Local Model Update
- **East End Recharge Location (Pinetree)**
 - Phase I Environmental Analysis
 - Obtained Access Agreement from City of Santa Clarita
 - Geophysical Survey
 - Site Access and Project Boundary Assessment
 - Biological Assessment (Draft Report In Progress)



East End Location- Bio Assessment Project Boundary



Soledad Canyon Rd

14

Work Area 1

Norland Dr

Norland Dr

Work Area 3

Work Area 2

Oak Spring Canyon Rd

- Project Boundary
- Work Area

Next Steps

- **West End Recharge Study Location (Old Castaic School Site)**
 - Draft Report in Progress
 - Conceptual Engineering Study
- **East End Recharge Location (Pinetree)**
 - Submit CDFW Notification Package
 - Access Agreement Extension
 - Complete Infiltration and Borehole Testing
 - Local Model Update
 - Complete Feasibility Report
 - Combine Castaic and East End Reports Into Single Feasibility Report
 - Estimated Completion of April 2023

Questions?

