

Quarry Site Restoration Project



Welcome! We will begin shortly...

Zoom Information

Meeting ID: 831 7485 2184

Password: 285835

Dial by phone: +1 669 900 6833

All attendees will be muted as they join the meeting.

Public questions and comments will be taken after the presentation



EAST BAY MUNICIPAL UTILITY DISTRICT

Quarry Site Restoration Project



Virtual Public Scoping Meeting
February 9, 2022

Purpose of the Meeting



- Present the Project
- Present preliminary site plan
- Present conceptual visual simulations
- Receive input from the community



NORTH-EAST VIEW

Agenda



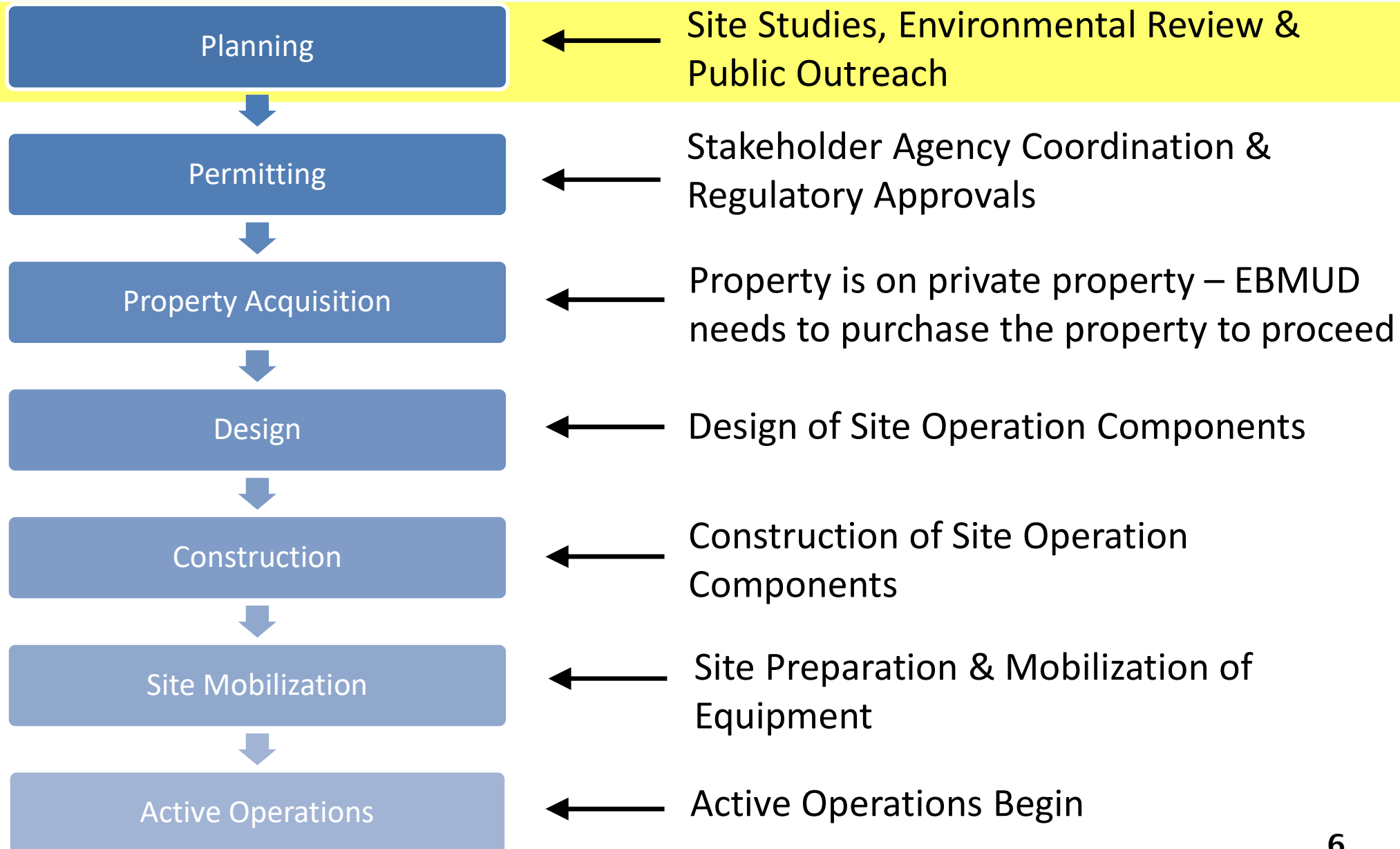
- Project Team
- EBMUD Water System
- Project Purpose & Need
- Project Location & Description
- Visual Simulations
- Environmental Review Process & Schedule
- Next Steps
- Q & A

Project Team

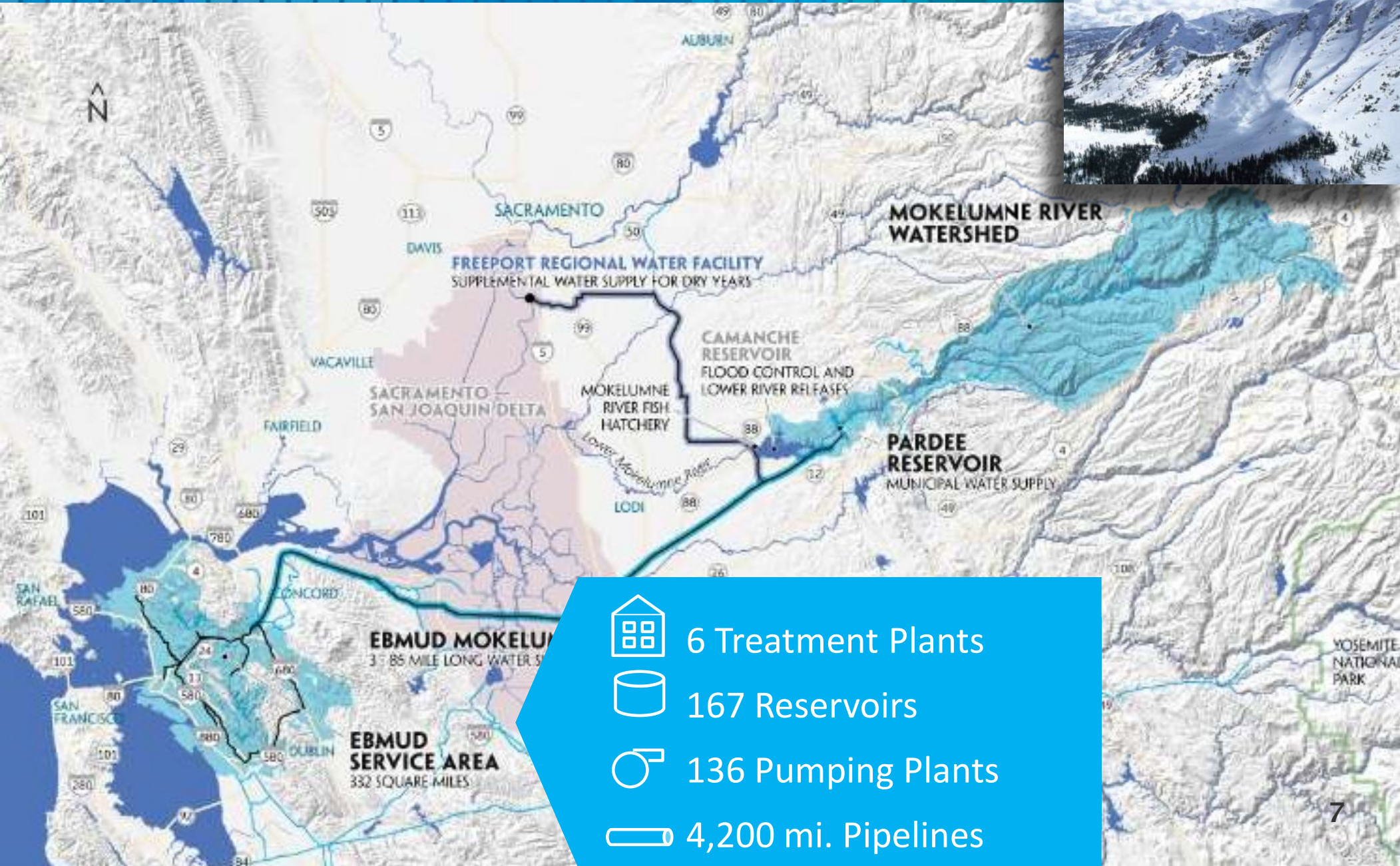


- EBMUD
 - Chien Wang, P.E., Project Manager
 - Jeni McGregor, P.E., Senior Engineer
 - David Rehnstrom, P.E., Division Manager
 - Laura Luong, Community Affairs
- Consultants
 - Woodard & Curran
 - Terraphase Engineering
 - RHAA Landscape Architects

Project Schedule - General



EBMUD Water System



6 Treatment Plants



167 Reservoirs



136 Pumping Plants



4,200 mi. Pipelines



Project Purpose and Need

EBMUD Pipeline Replacements and Trench Soils



- EBMUD is proactively replacing its pipelines to improve water service
- Trench soils are excavated soil and rock generated by pipeline construction and repair work



Project Purpose



- Improve the efficiency of EBMUD's current trench soil management practices and reduce operational costs
- Acquire a permanent pipeline trench soils storage site that allows long-term beneficial re-use





Project Location

Quarry Site Restoration Project Location



Quarry Aerial





Project Description

Project Stages



- Fill Operations
- Site Restoration
- Restored Site

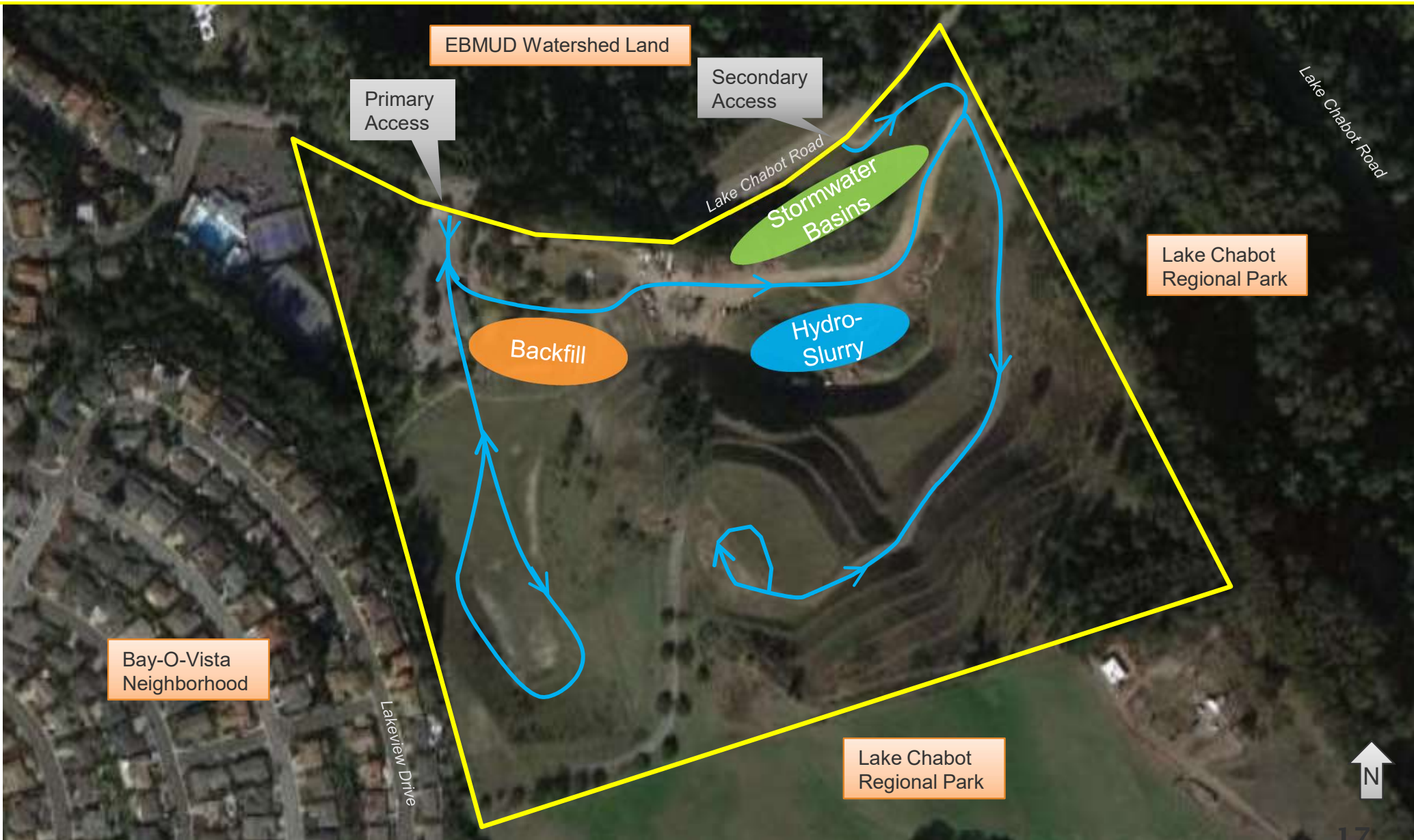


Fill Operations

- Trench soils would be:
 - Transported to the Quarry Site
 - Placed in phases
 - Compacted to stable slopes
- Trench backfill materials would be picked up at the Quarry Site
- Trench soil/water mixtures would be mechanically separated



Fill Operations: Conceptual Site Plan

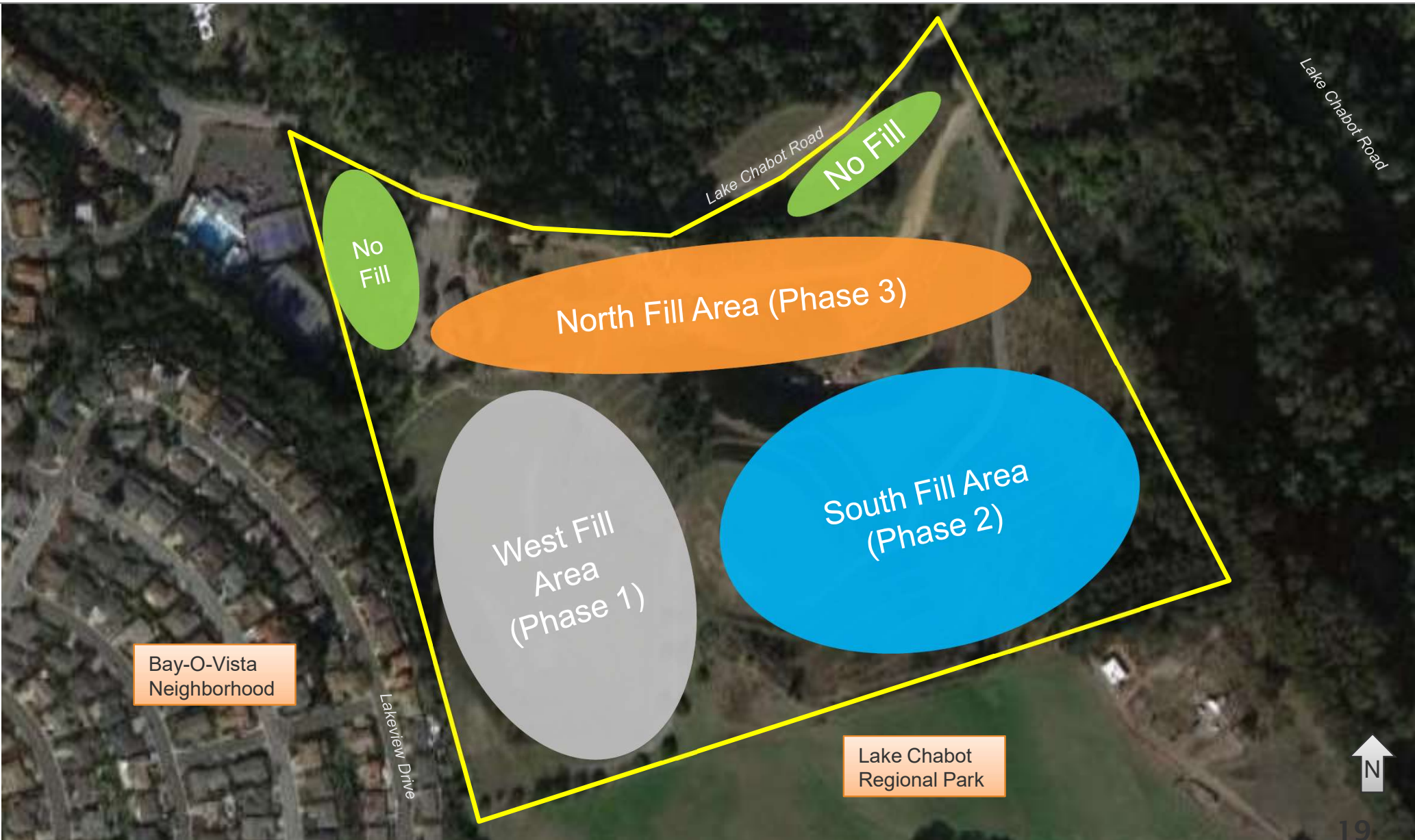


Fill Operations



- The proposed Project would:
 - Restore the Quarry Site with approximately 3.6 million cubic yards of clean trench soils
 - Take approximately 40-80 years to fully restore the Quarry Site
 - Include interim phases to provide benefits before final restoration

Fill Operations Phasing



Quarry Site Soil Management Plan

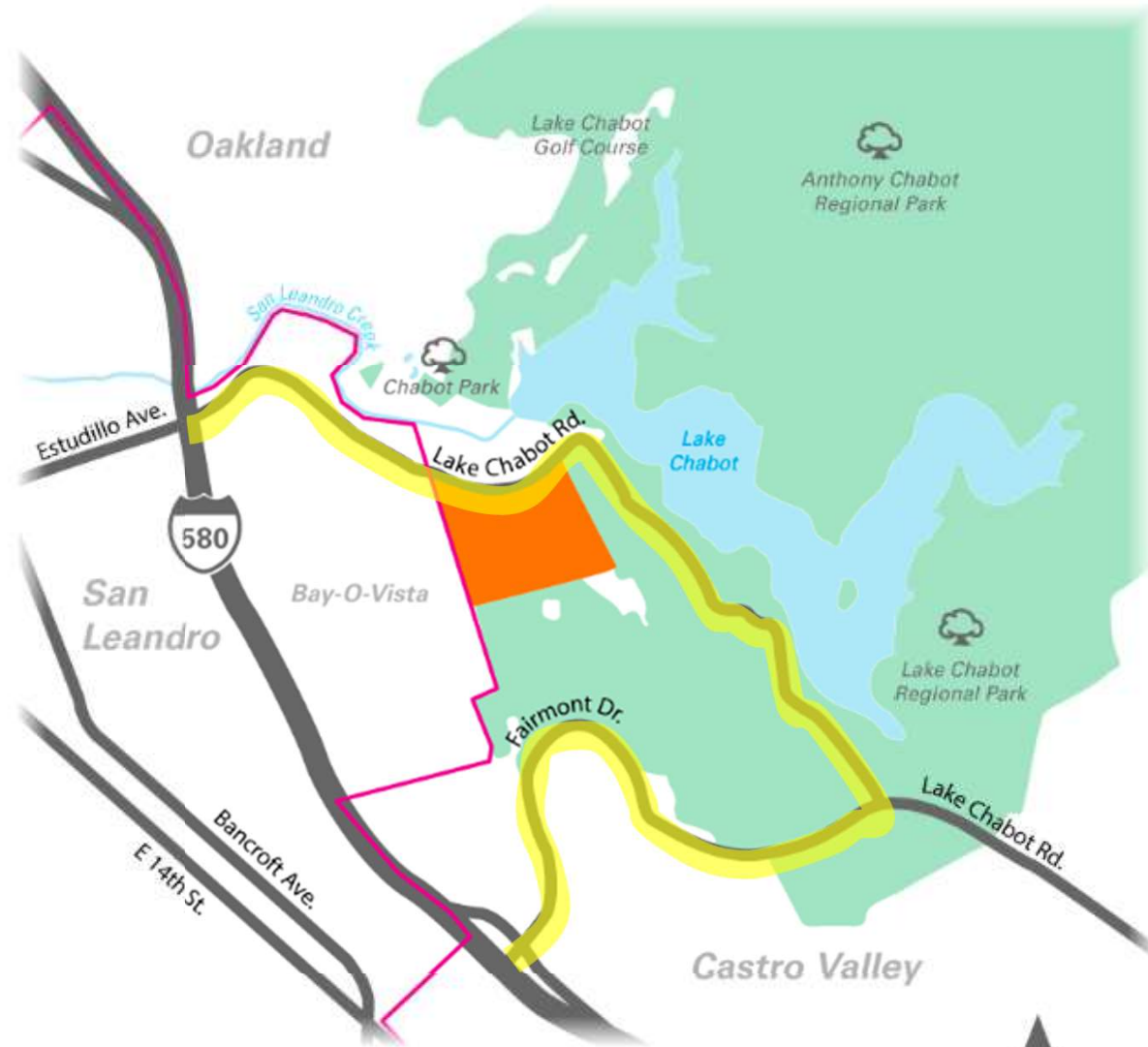


- A Soil Management Plan will be developed and will include:
 - Trench soils
 - acceptance criteria
 - sampling and stockpiling methods
 - monitoring and reporting requirements

Fill Operations: Transportation



- Haul routes are to be analyzed
- Haul routes would be the most direct route from public highways



- Potential beneficial uses of the Quarry Site include:
 - Open space
 - Native plant restoration
 - Passive recreation (public trails)

Site Restoration: Concept Planting Palette



TREE SPECIES



Quercus agrifolia
Coast Live Oak



Quercus lobata
Valley Oak

HYDROSEED SPECIES



Escholzia californica
California Poppy



Lupinus albilfrons
Silver Lupine



Achillea millefolium
White Yarrow



Bromus carinatus
California Brome

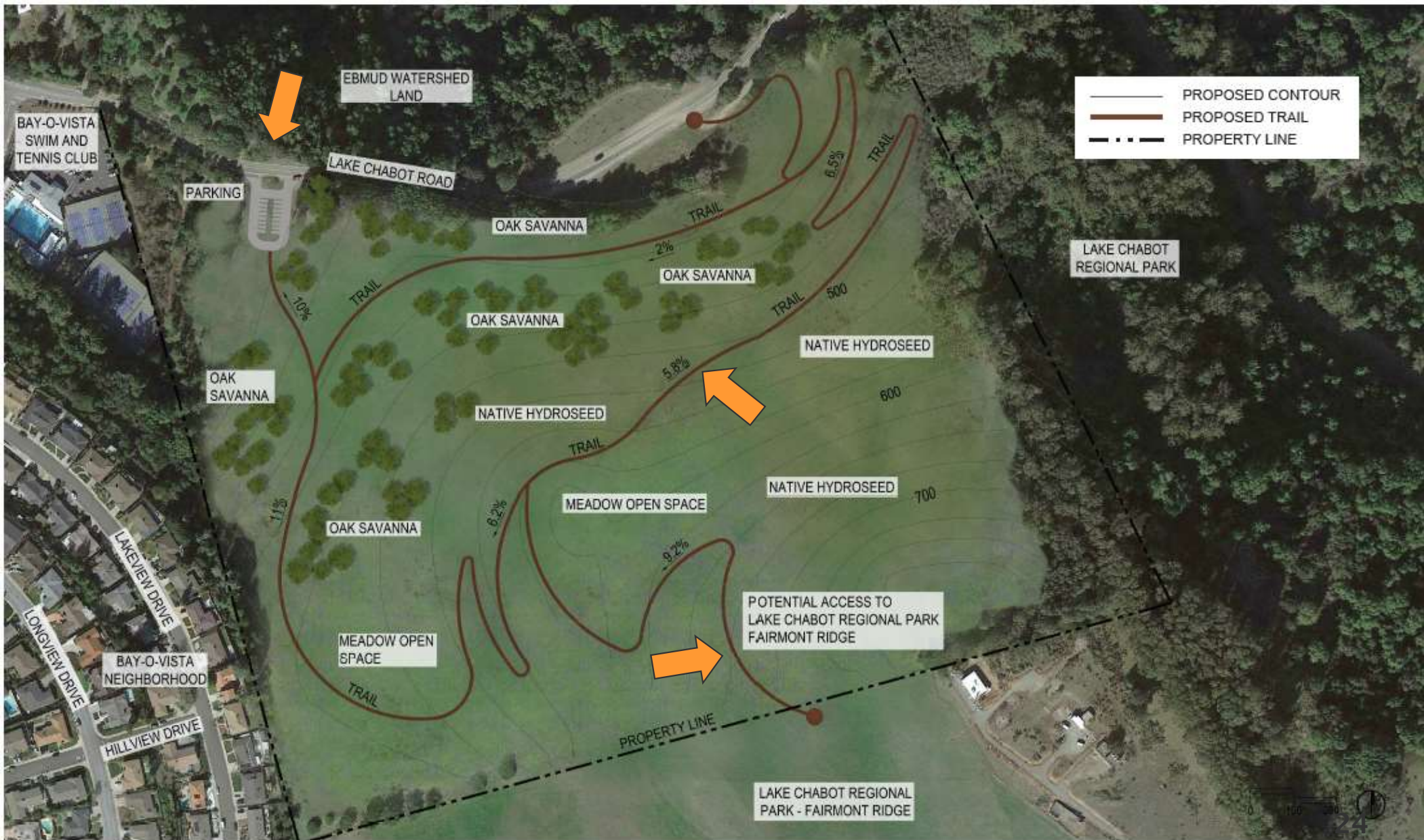


Leymus condensatus
Giant Wild Rye

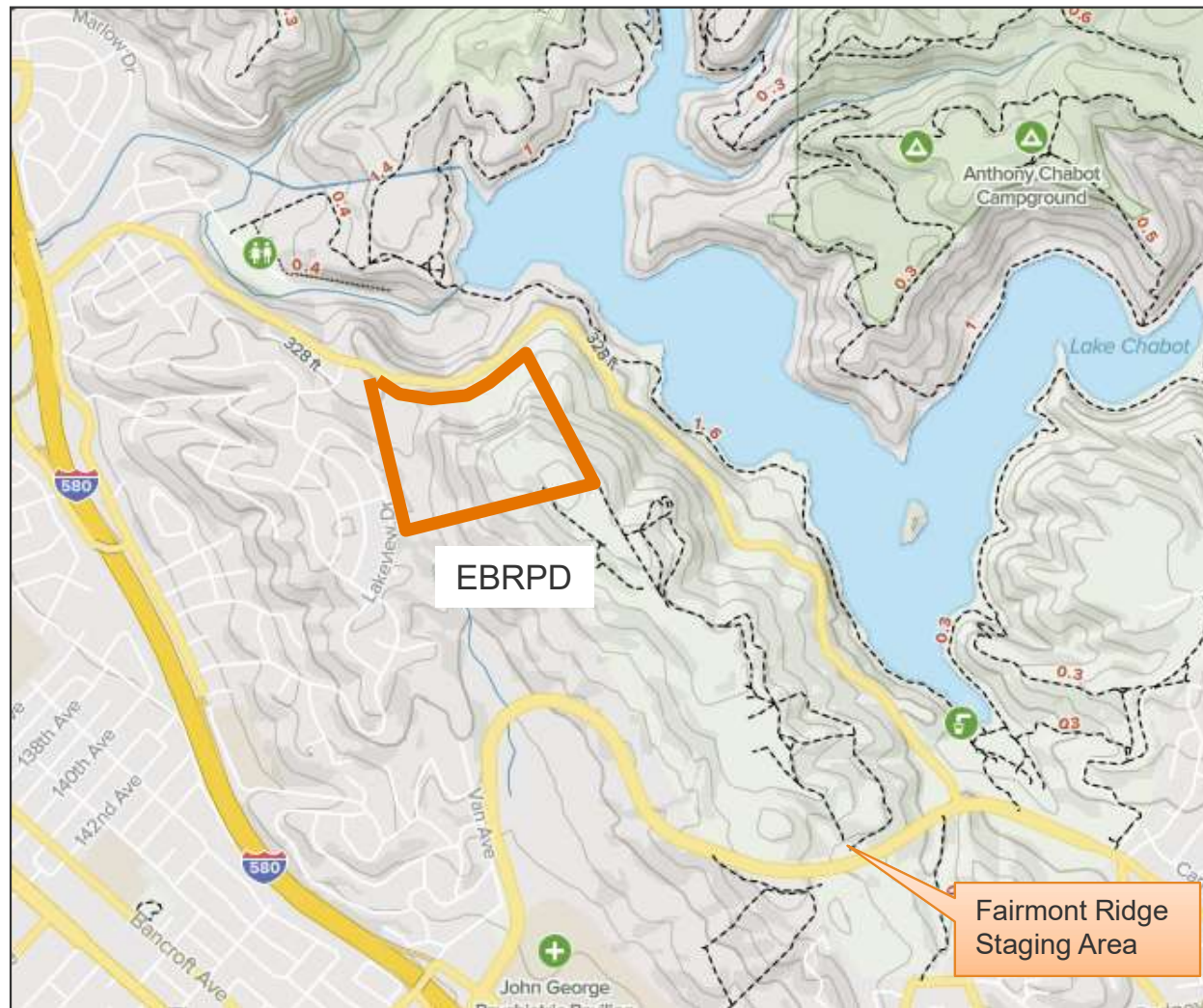


Vulpia microstachys
Small fescue

Restored Site: Concept Design



Potential Trail Connection to Fairmont Ridge Staging Area





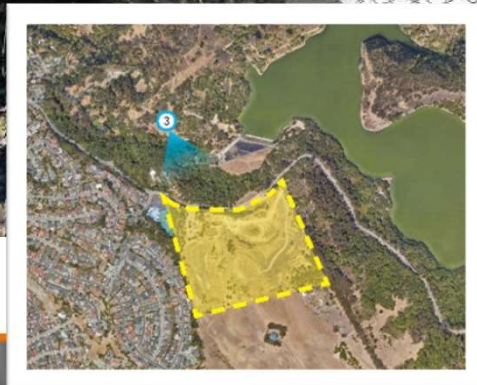
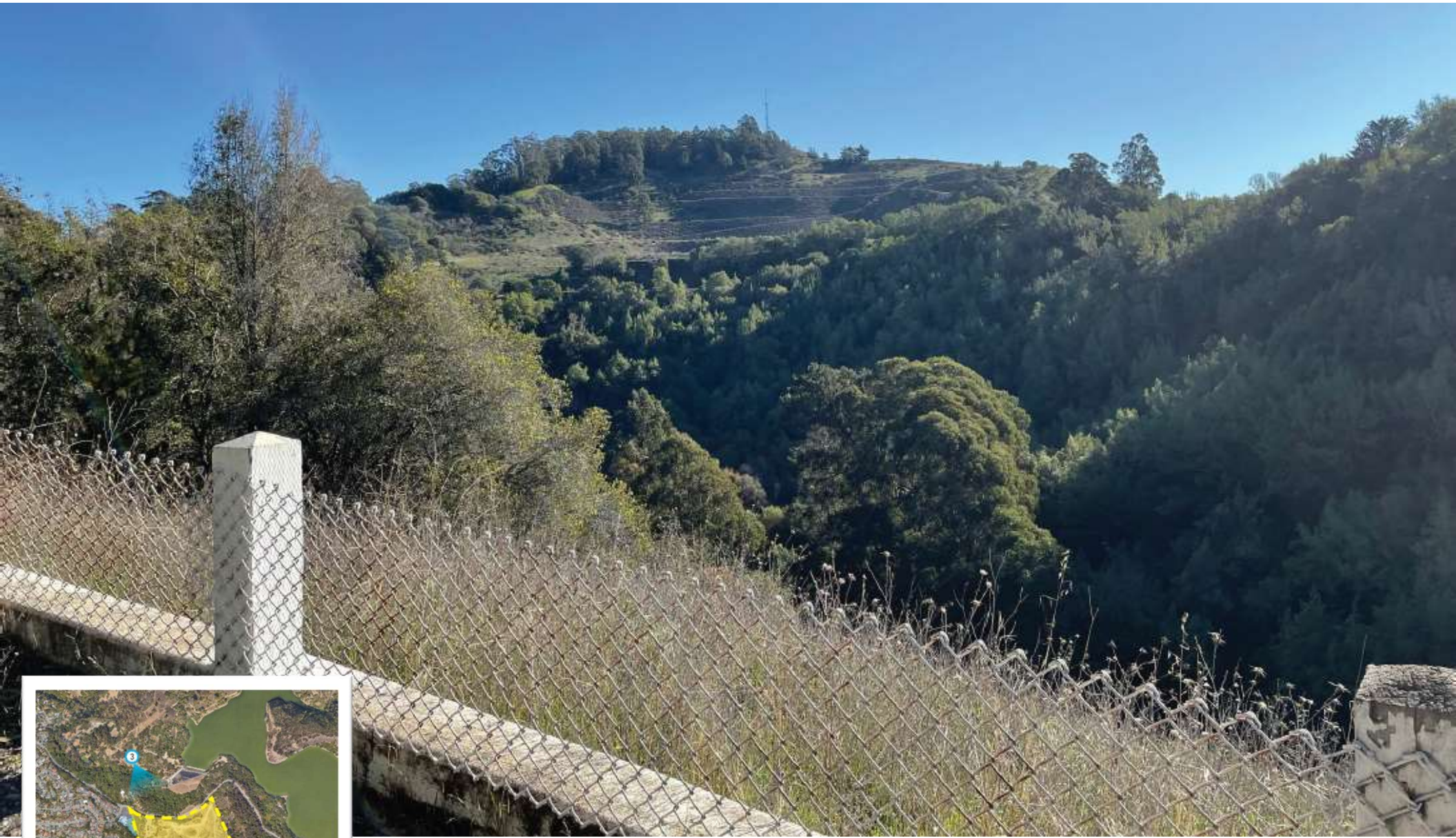
Restored Site: Visual Simulations

Quarry Site Public Viewpoints

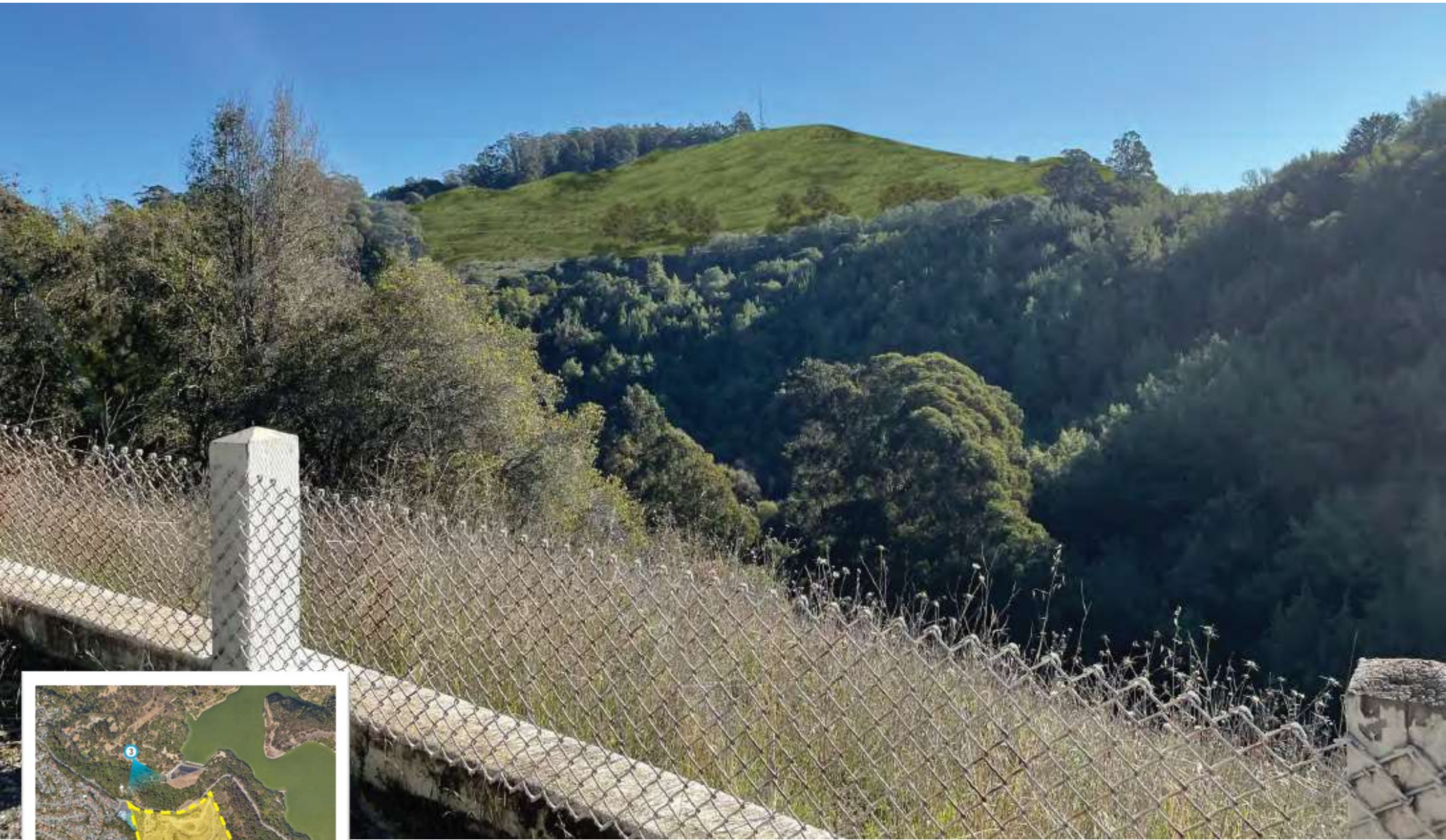
- 1 Public Gun Range Road
- 2 Lost Ridge trail at Quail Trail
- 3 West Shore Trail near Chabot Park
- 4 East Lake Chabot Road Entrance
- 5 West Lake Chabot Road Entrance
- 6 Below 2370 Lakeview Drive
- 7 Hillview Drive at Lakeview Drive
- 8 Bass Cove Trail
- 9 Sheffield Village
- 10 Jeep Trail



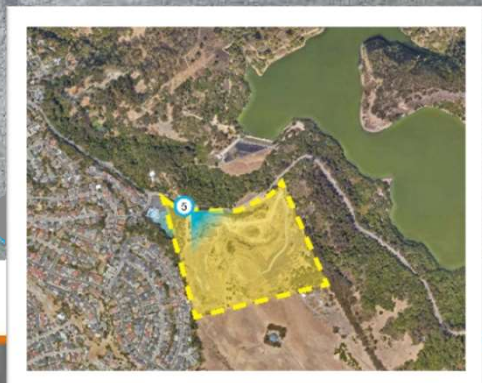
Viewpoint 3: West Shore Trail near Chabot Park - Existing View



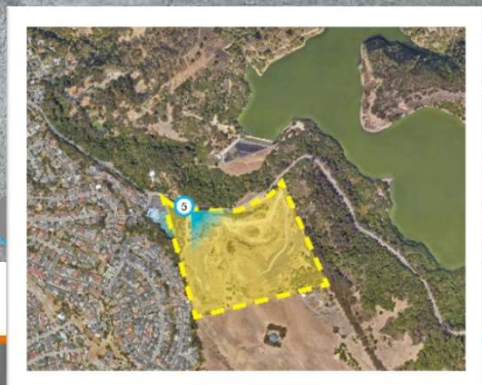
Viewpoint 3: West Shore Trail near Chabot Dam – Proposed Concept View



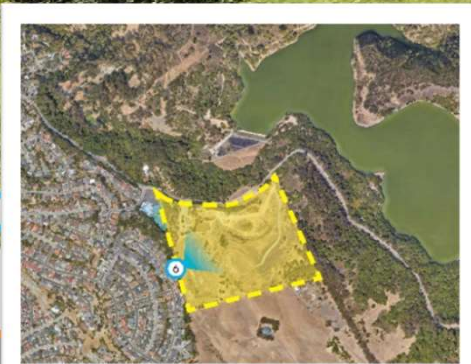
Viewpoint 5: Quarry Site West Lake Chabot Road Entrance - Existing View



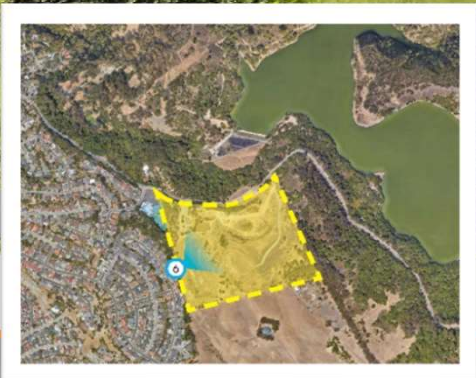
Viewpoint 5: Quarry Site West Lake Chabot Road Entrance – Proposed View



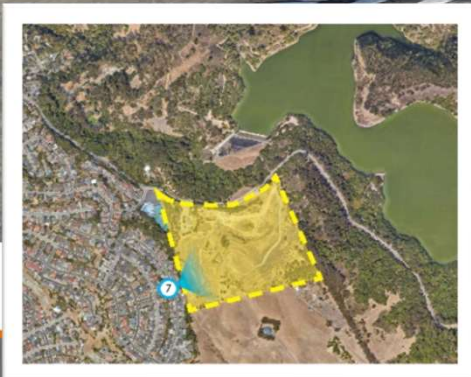
Viewpoint 6: Below 2370 Lakeview Drive in Quarry Site- - Existing View



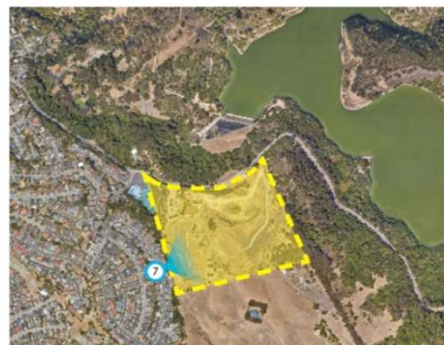
Viewpoint 6: Below 2370 Lakeview Drive in Quarry Site- Proposed Concept View



Viewpoint 7: Hillview Drive at Lakeview Drive - Existing View



Viewpoint 7: Hillview Drive at Lakeview Drive – Proposed Concept View



A landscape photograph of rolling hills with a reservoir in the distance, overlaid with a semi-transparent text box. The hills are covered in dry, yellowish-brown grass, and the reservoir is surrounded by green trees. The sky is overcast and grey. The text "Environmental Review Process and Schedule" is centered in the middle of the image in a bold, black font.

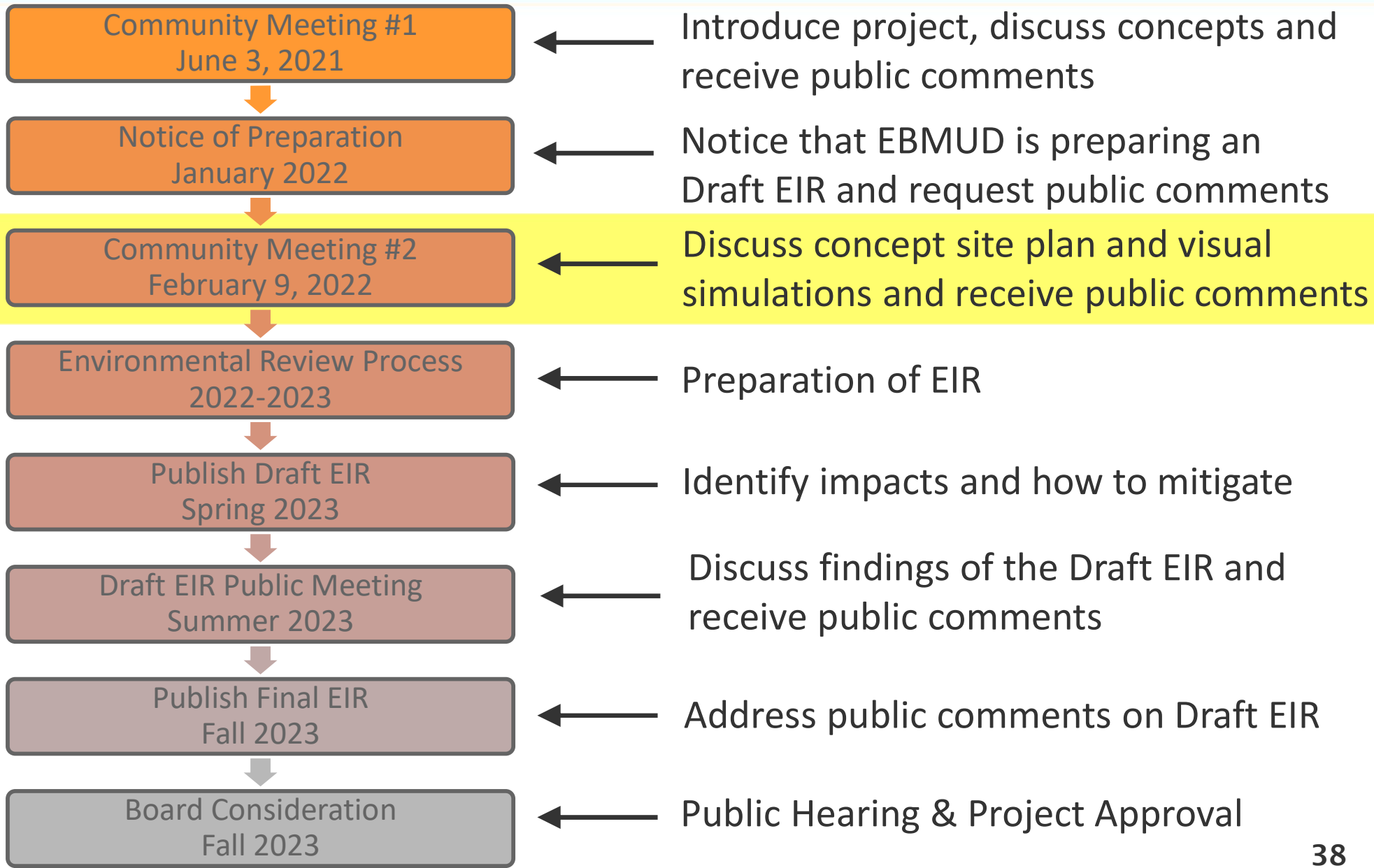
Environmental Review Process and Schedule

What is an EIR?



- Purpose:
 - To inform the public of the environmental consequences of projects
- EIR is required:
 - When there is potential that a project may have significant impacts

Environmental Review Schedule



EIR Analysis of Impacts



Environmental Resource Category	Less than Significant	Less than Significant with Mitigation	Significant and Unavoidable	
Aesthetics				
Air Quality				
Biological Resources				
Cultural Resources				
Energy				
Geology	<i>To be analyzed in the EIR</i>			
Greenhouse Gases				
Hazards				
Hydrology/Water Quality				
Land Use				
Mineral Resources				
Noise				
Traffic				
Tribal Cultural Resources				
Utilities				
Wildfire				



Next Steps

Next Steps



- Incorporate feedback from tonight's public meeting
- Continue outreach with local stakeholder agencies
- Apply for Conditional Use Permit
- Prepare a Draft Environmental Impact Report to be released spring 2023

Questions and Comments



- To participate, please click “Raise Hand” at the bottom of your screen.
- A member of staff will prompt you to speak.
- Please first state your full name.
- After you have made your comment, click “Lower Hand.”

A black rectangular button with rounded corners is shown. On the left side of the button is a yellow hand icon with the index finger pointing up. To the right of the icon, the text "Raise Hand" is written in a white, bold, sans-serif font.

 **Raise Hand**

Thank You



Thank you for your participation tonight.

More information and tonight's presentation can be found at the **Project Website:**

www.ebmud.com/quarry

Questions and Comments:

quarry.restoration@ebmud.com

General Contact:

Laura Luong, Community Affairs Representative

laura.luong@ebmud.com