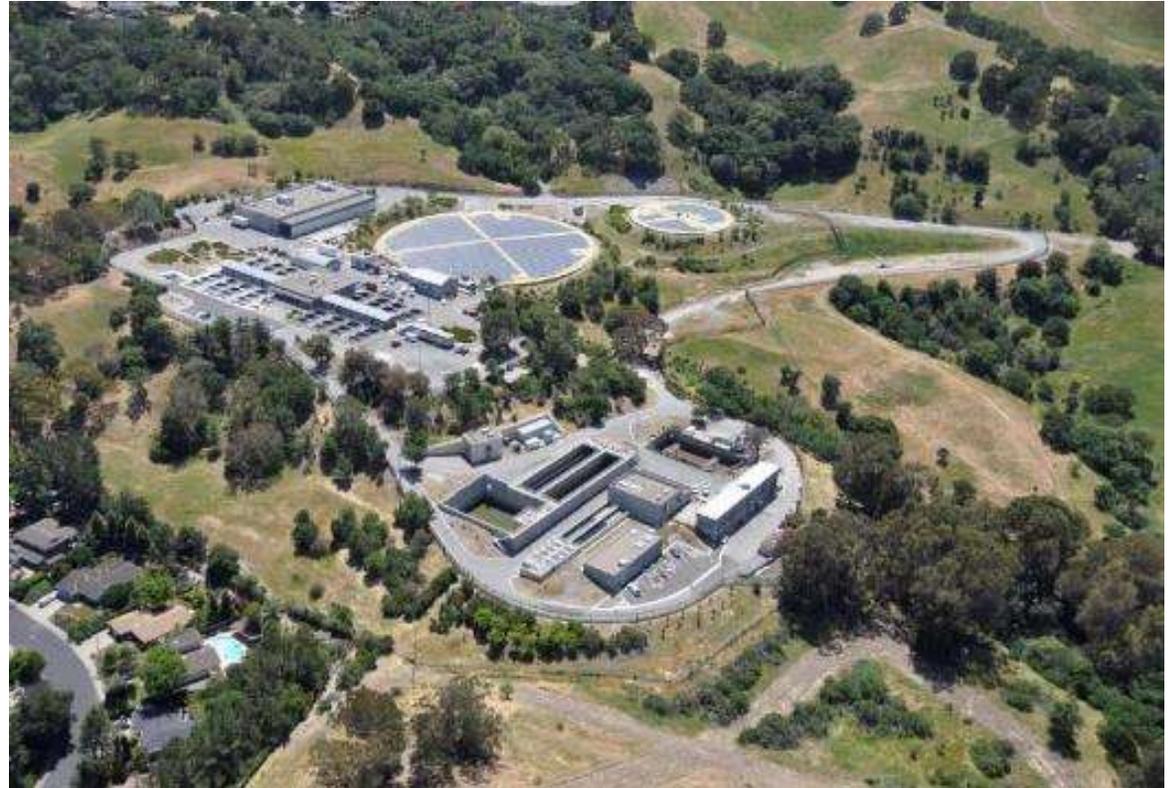
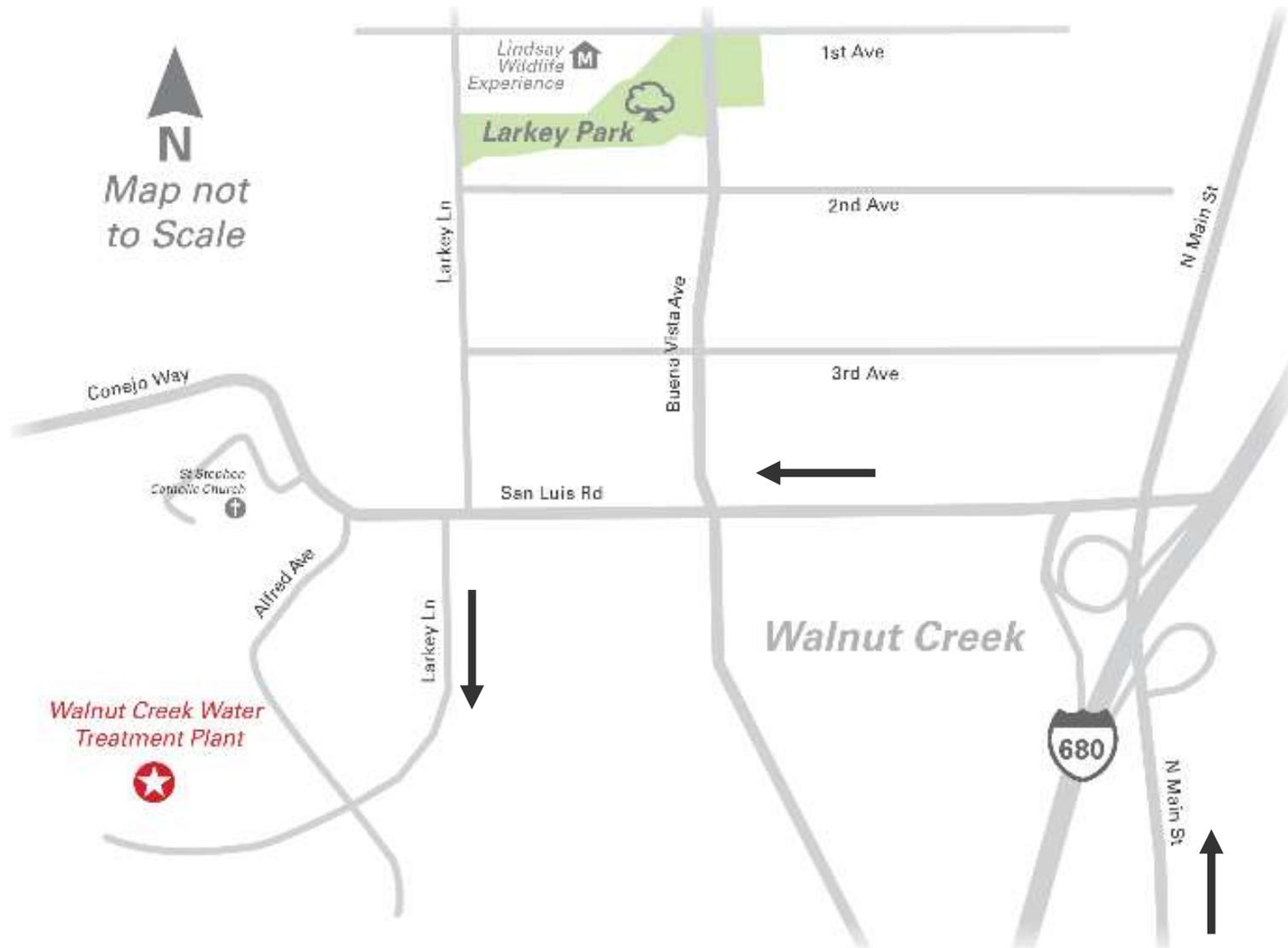


**Walnut Creek WTP
Pretreatment Project
Project Briefing**



**March 21, 2023
Walnut Creek City Council Meeting**

Project Location



Acalanes Ridge Open Space

Walnut Creek WTP - Sept. 1968



Water Supply – Sierra Snowpack



Pardee Reservoir



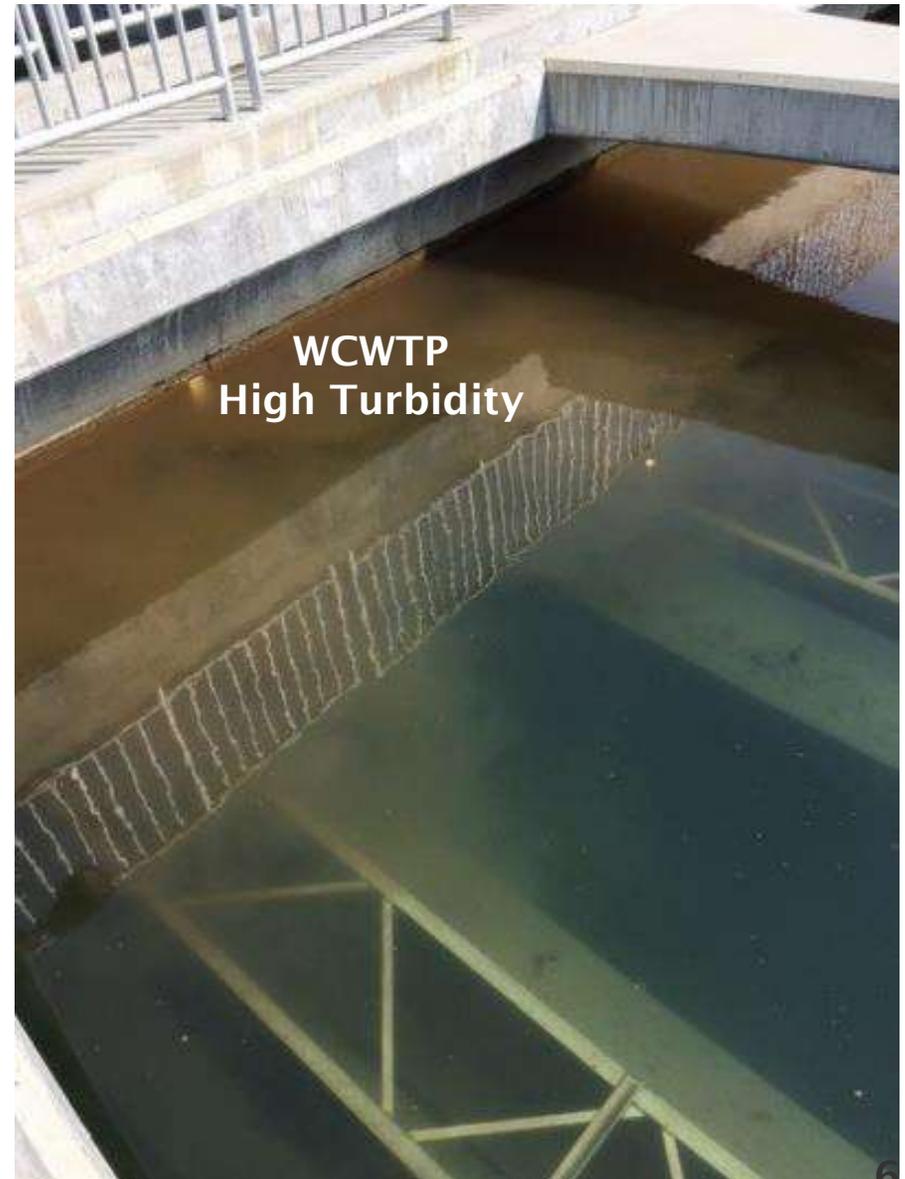
Typical
Conditions



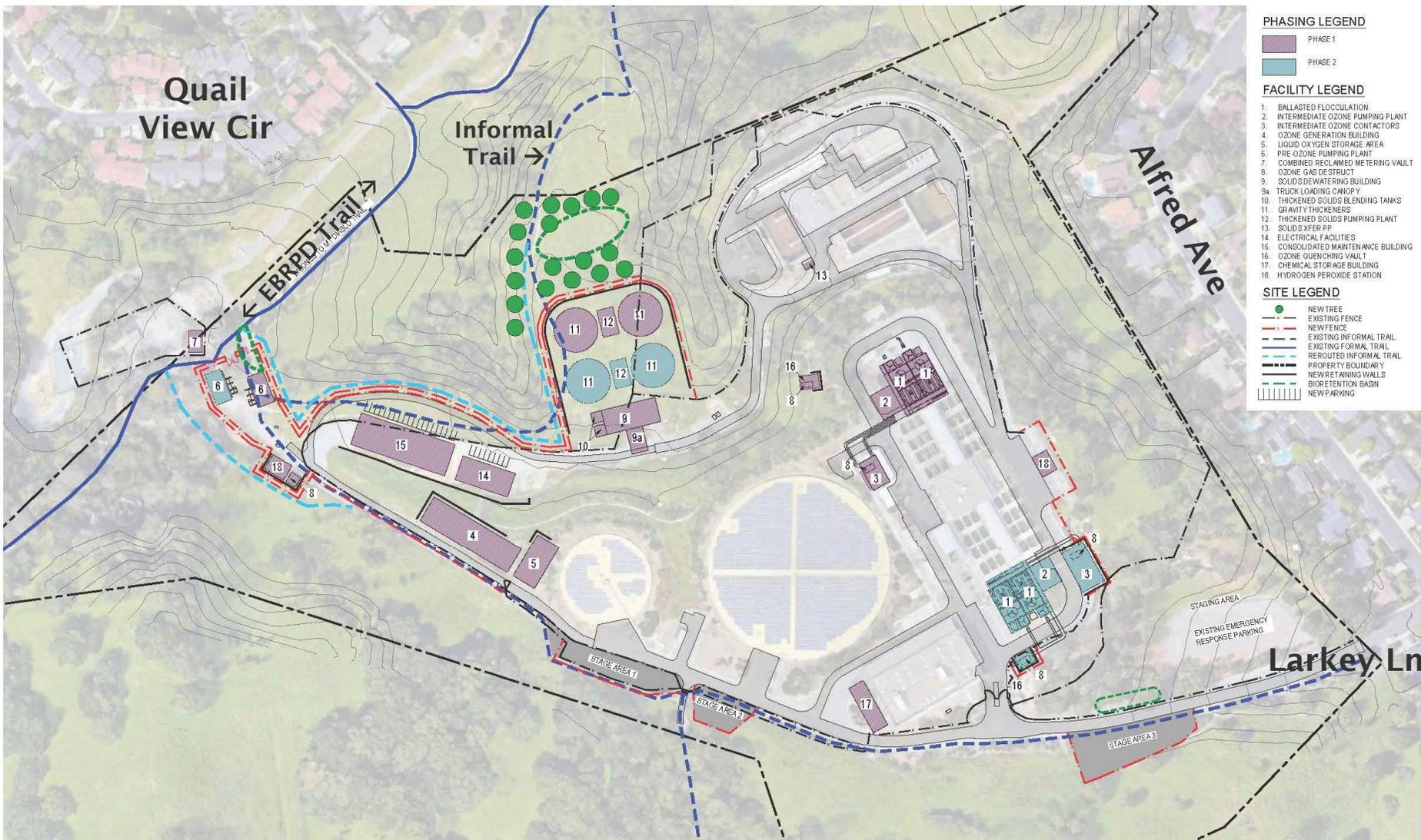
After Warm,
Heavy Storm

February 2017

High Turbidity Slows Filtration



Walnut Creek WTP Pretreatment Project



PHASING LEGEND

- PHASE 1
- PHASE 2

FACILITY LEGEND

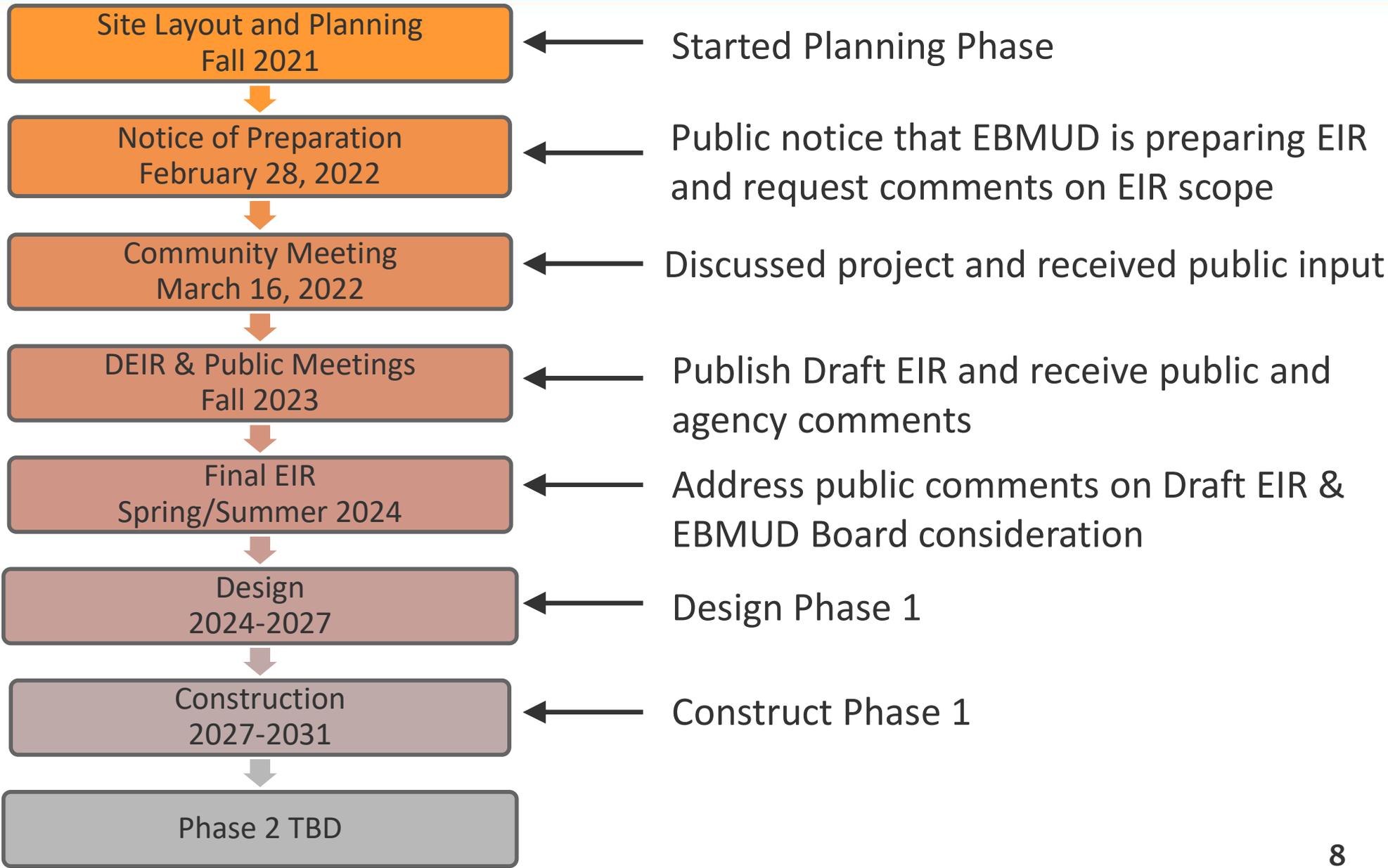
1. BALLASTED FLOCCULATION
2. INTERMEDIATE OZONE PUMPING PLANT
3. INTERMEDIATE OZONE CONTACTORS
4. OZONE GENERATION BUILDING
5. LIQUID OXYGEN STORAGE AREA
6. PRE-OZONE PUMPING PLANT
7. COMBINED RECLAIMED METERING VAULT
8. OZONE GAS DE-STRUCT
9. SOLIDS DEWATERING BUILDING
- 9a. TRUCK LOADING CANOPY
10. THICKENED SOLIDS BLENDING TANKS
11. GRAVITY THICKENERS
12. THICKENED SOLIDS PUMPING PLANT
13. SOLIDS XFER PP
14. ELECTRICAL FACILITIES
15. CONSOLIDATED MAINTENANCE BUILDING
16. OZONE QUENCHING VAULT
17. CHEMICAL STORAGE BUILDING
18. HYDROGEN PEROXIDE STATION

SITE LEGEND

- NEW TREE
- EXISTING FENCE
- NEW FENCE
- EXISTING INFORMAL TRAIL
- EXISTING FORMAL TRAIL
- REROUTED INFORMAL TRAIL
- PROPERTY BOUNDARY
- NEW RETAINING WALLS
- BIORETENTION BASIN
- NEW PARKING

EBMUD WCWTP
EAST BAY MUNICIPAL UTILITY DISTRICT
WCWTP SITE PLAN
JULY 27th, 2022

Project Schedule



Thank You!

