

Port of Oakland

Storms, Flooding, and Sea Level
Defense Conference 2023

November 8, 2023



Port of Oakland 101



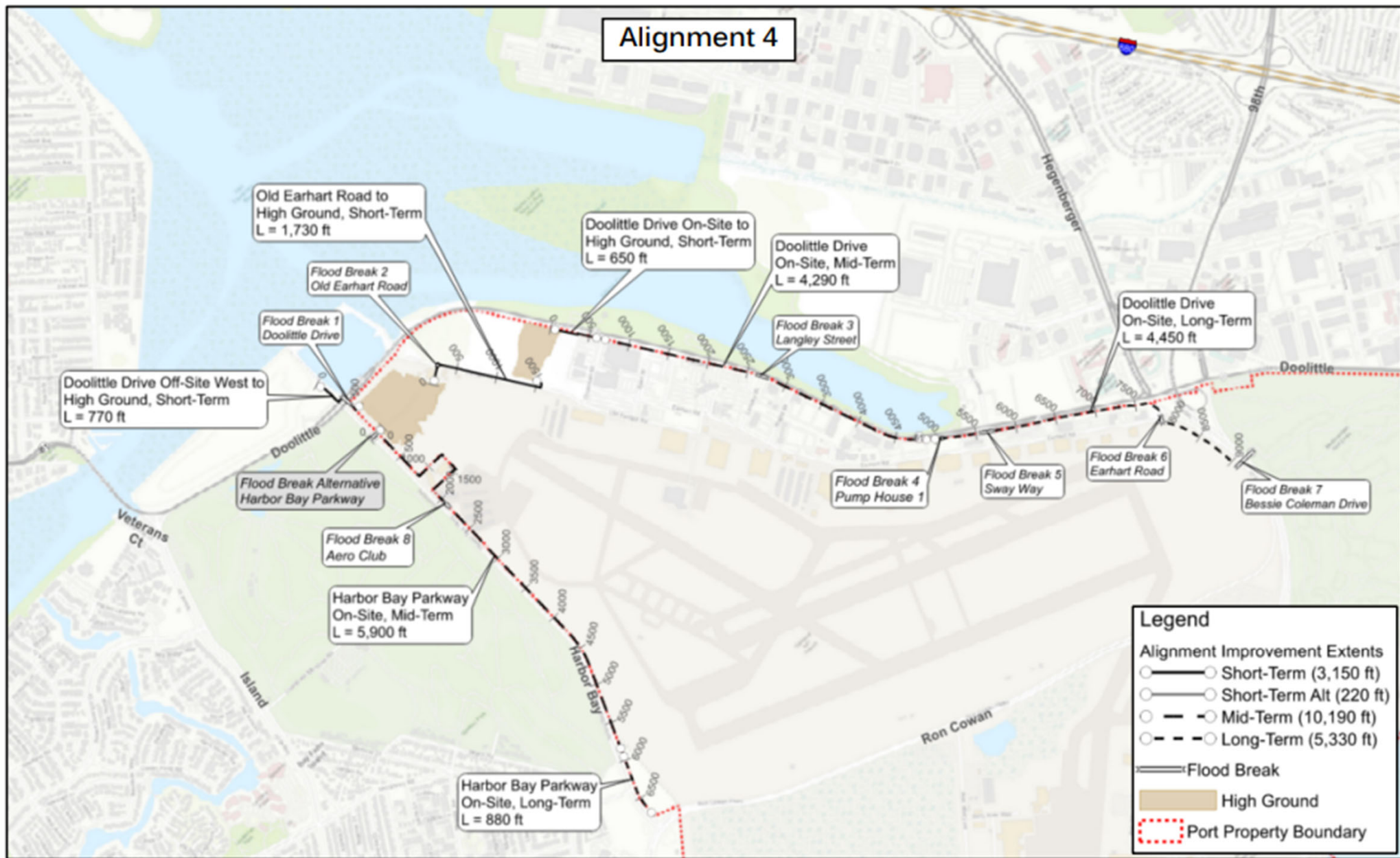
- Top 10 highest volume container port in U.S.
- 12th busiest cargo airport in the U.S.
- 33rd busiest passenger airport in the U.S.
- 20 miles of waterfront (maritime, aviation and real estate), utilities, public parks and habitat



North Field Vulnerability Study – Project Briefing

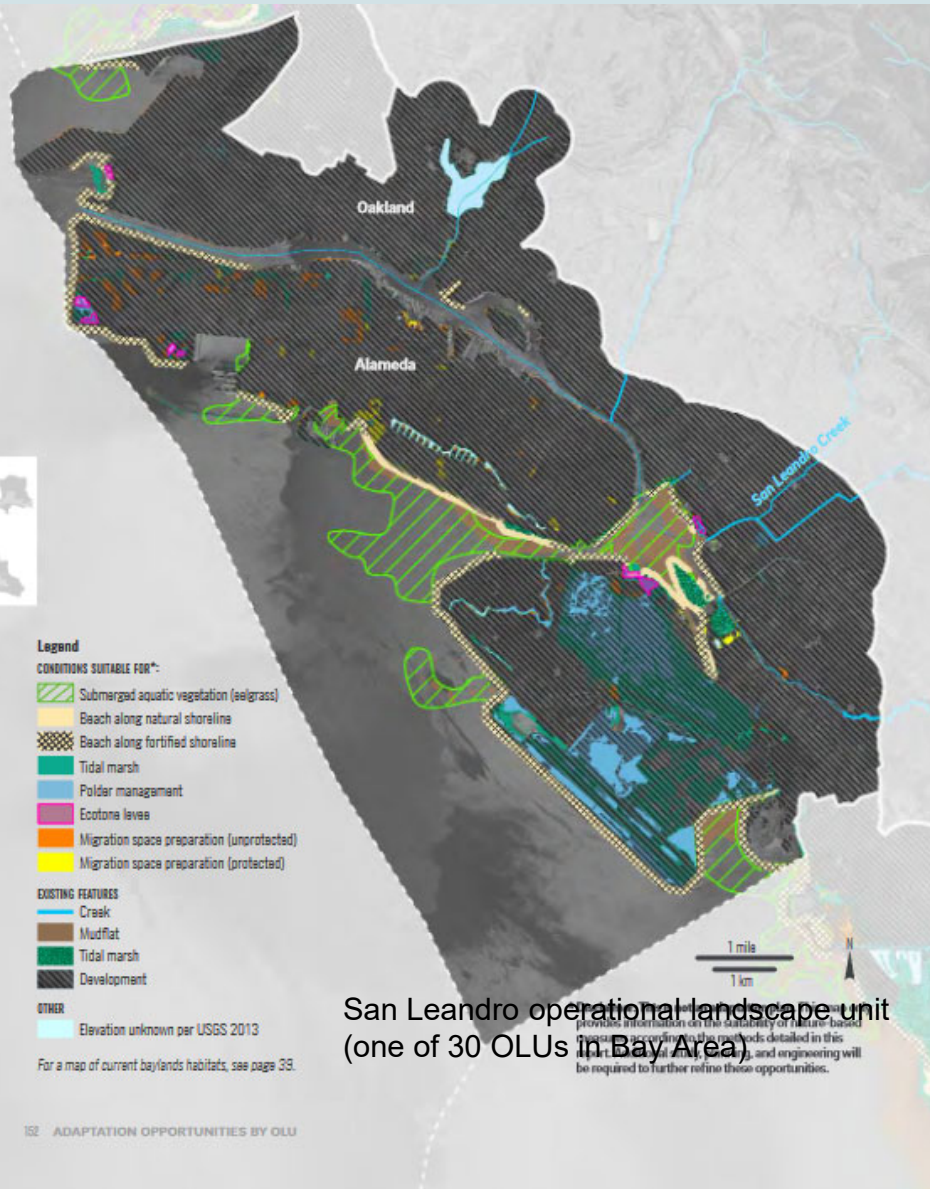


North Field Vulnerability Study



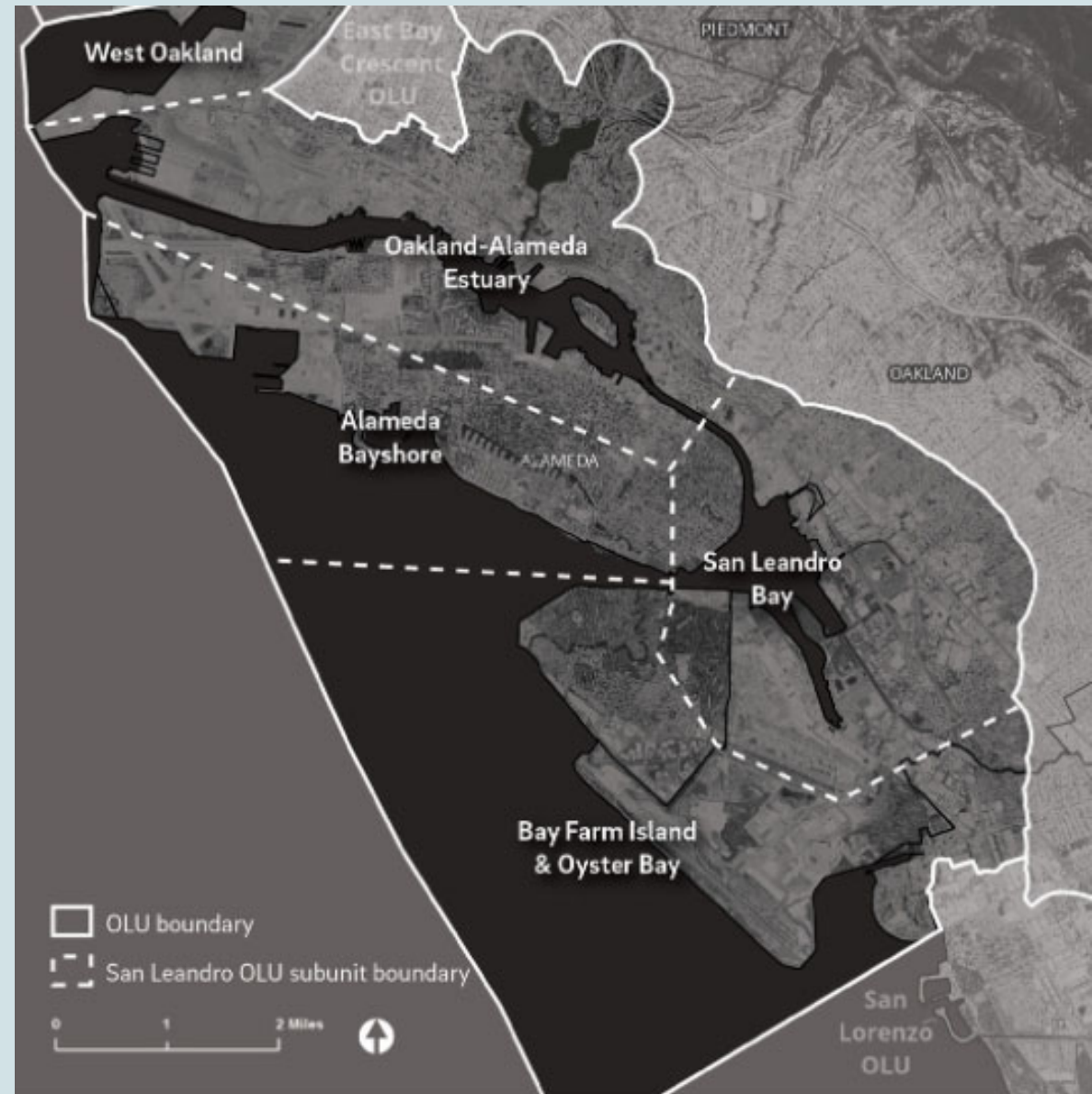
Oakland Alameda Adaptation Committee

OAAC coordinates San Leandro Bay/Oakland-Alameda Estuary flood and adaptation projects to protect and restore water quality, habitat, recreation and community resilience.



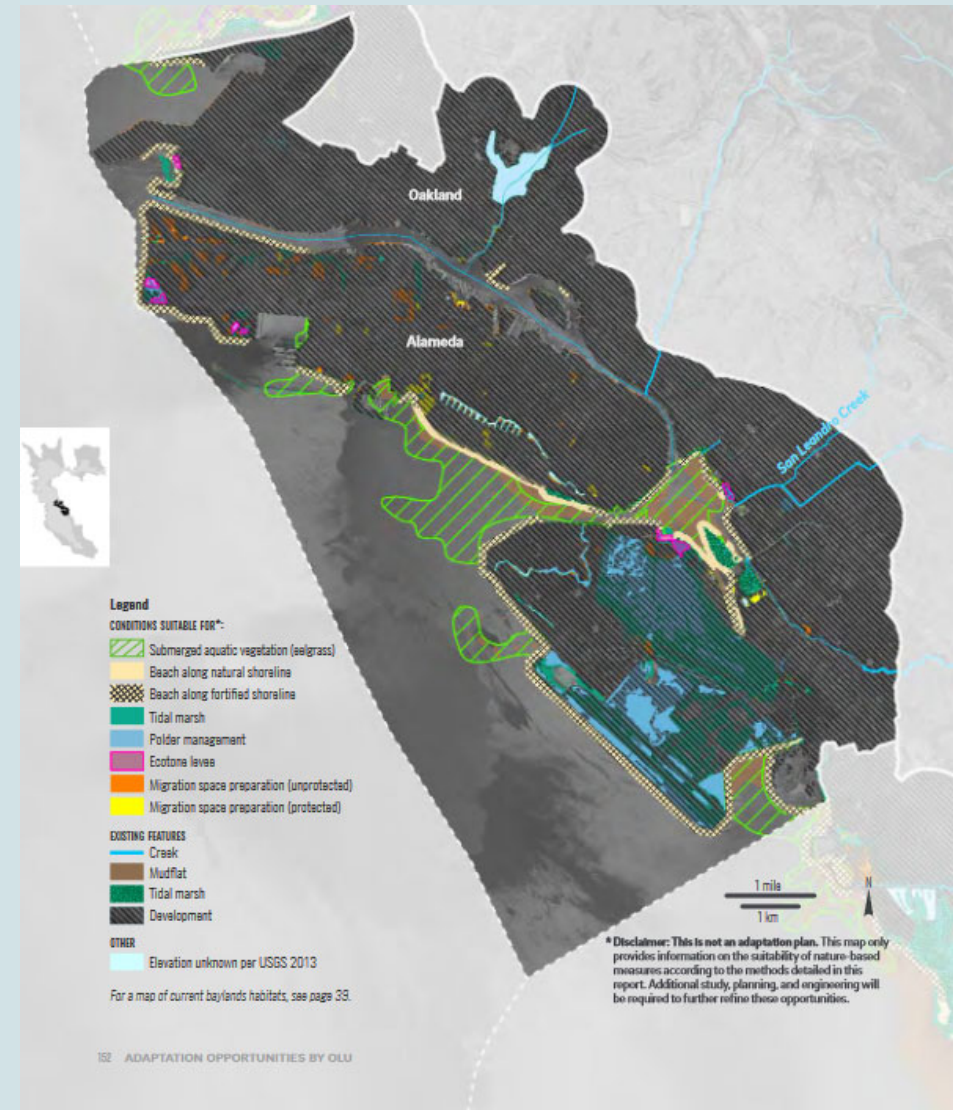
OAAC Focus Areas

- **West Oakland** – wave exposed with seawalls, quays and subtidal habitat
- **Oakland-Alameda Estuary** – highly urbanized dominated by seawalls
- **San Leandro Bay** – small embayment protected from wave action, patches of marsh habitat and wide mudflats
- **Alameda Bayshore** – wave-exposed with beaches
- **Bay Farm Island & Oyster Bay** – high wave action surrounded by deep subtidal habitat



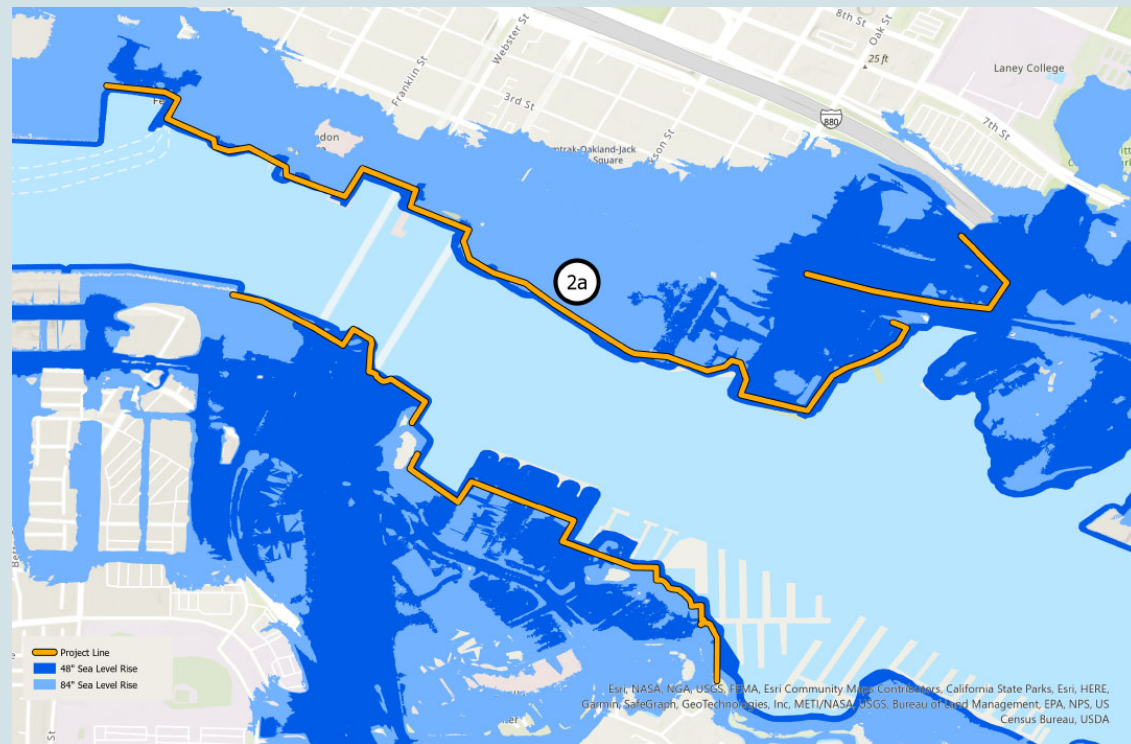
OAAC Long-Term Adaptation Plan

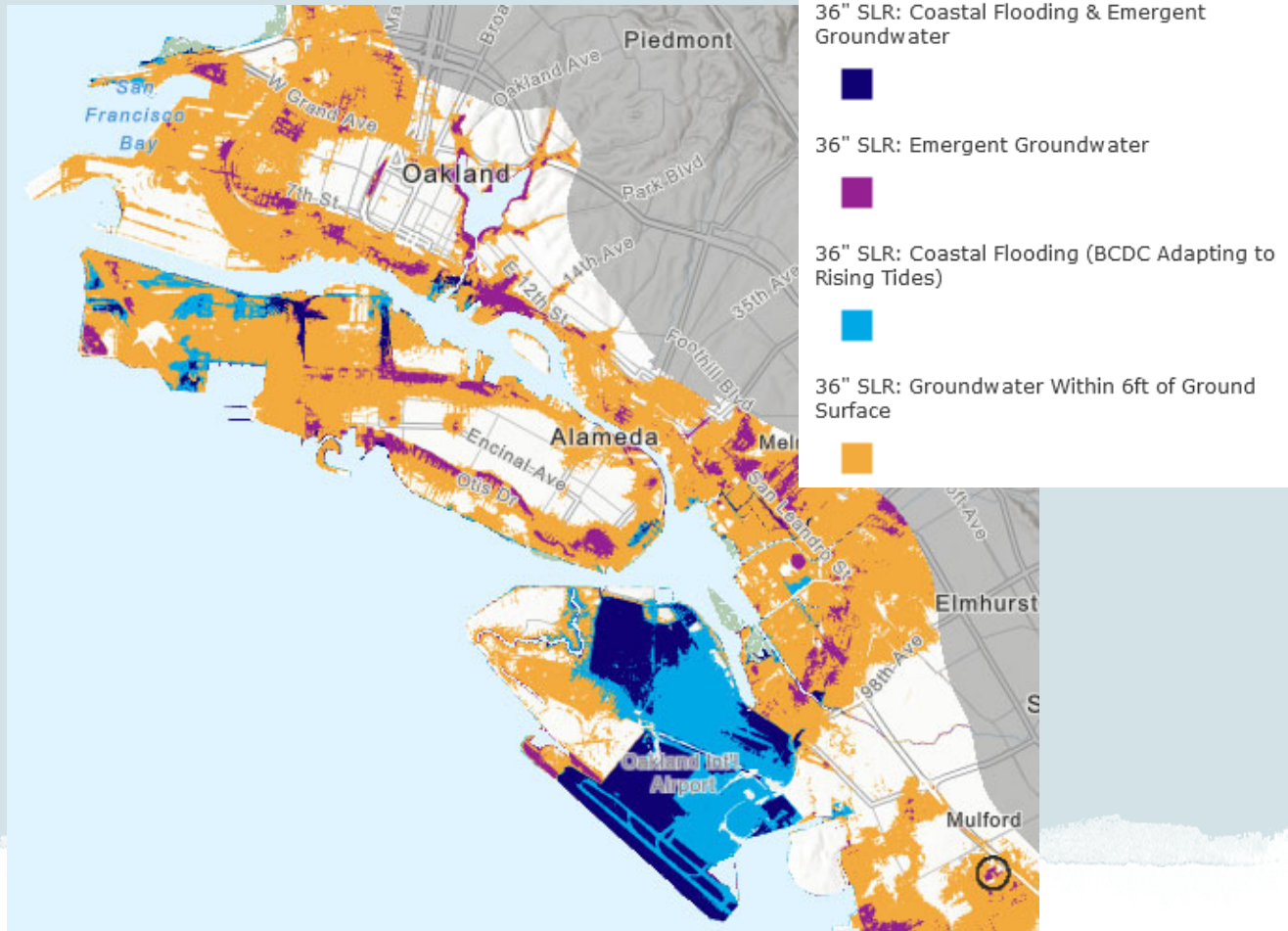
- **Purpose:** Identify actions needed over time as the shoreline changes to protect communities
- **Tasks:**
 - Agency coordination
 - Sub-regional agencies
 - BCDC's Regional Shoreline Adaptation Plan
 - Governance structure analysis and community engagement
 - Draft and final long-term plan



OAAC Oakland-Alameda Estuary Adaptation Project

- **Purpose:** Develop adaptation design concept to protect Jack London District/Oakland Chinatown and Alameda's northern shoreline/Posey-Webster Tubes
- **Tasks:**
 - Structural/nature-based alternatives
 - Public outreach
 - Draft and final concept (10% design) with cost estimates





SLR and Groundwater
Intrusion Study planned to
start in 2024
PROTECT Grant and other
opportunities

What's Next



Thank You