



Leading The Way On Wildfire Protection With Innovative Models For Fuels Management

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East Bay Regional Parks Fire Department

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Tree Die-Off Review

2020 → Observation of Accelerated Decline.

2020 → The entire District was analyzed for the most affected areas.

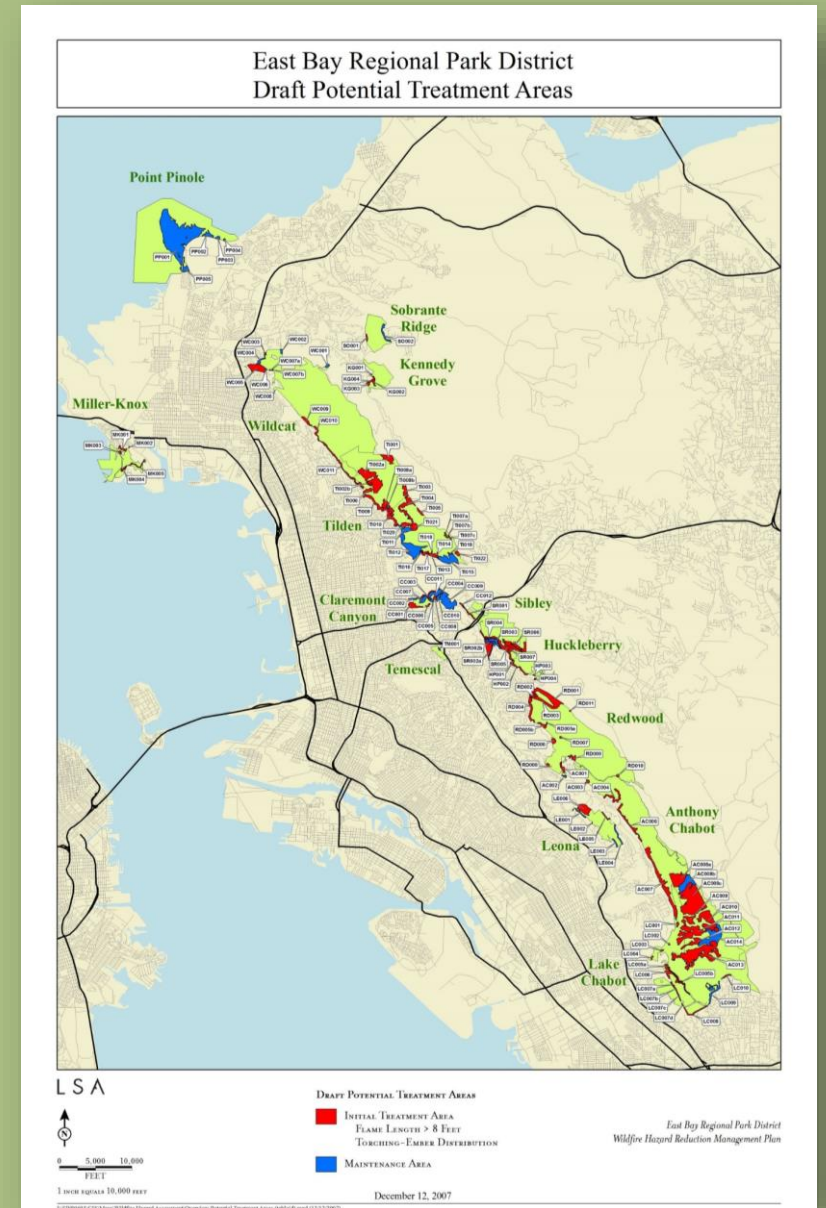
2021 -2022→ Funding was secured to address the fuels management and forest health.

2023 → After the Pilot Project's success, the 7.5 million Anthony State Funded Project began in May of 2022 and will complete 365 acres by June 2024.

2024 → The first CALVTP project will begin thinning tree die-off in Tilden

WILDFIRE HAZARD REDUCTION AND RESOURCE MANAGEMENT PLAN

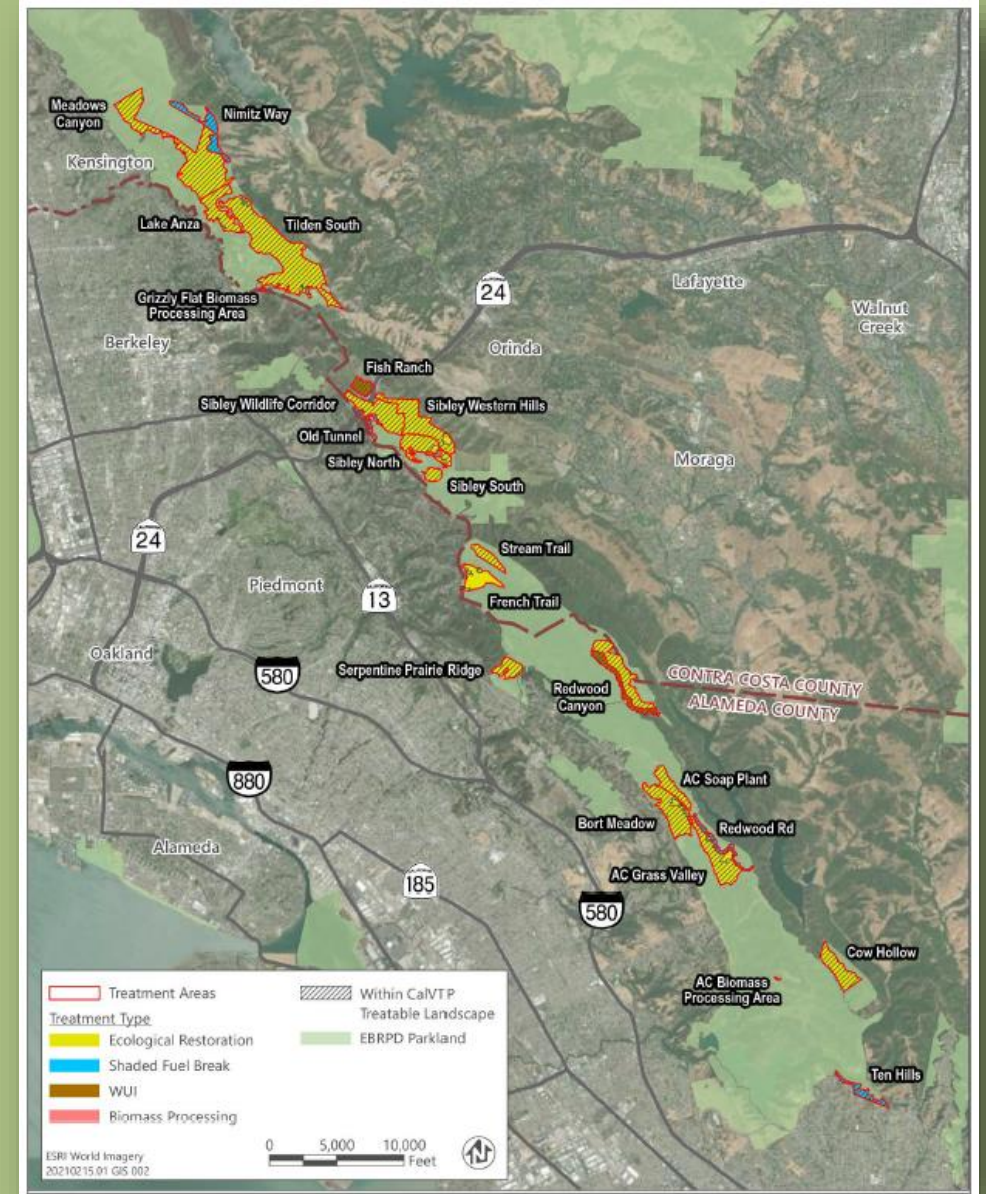
- Fire Prevention
- 130 Treatment Areas
- 3000 acres
- 9 Regional Parks



CALVTP

California Vegetation Treatment Program

- Fire Prevention
- 2466 acres
- 5 Regional Parks



Tilden



Before

After



Sibley

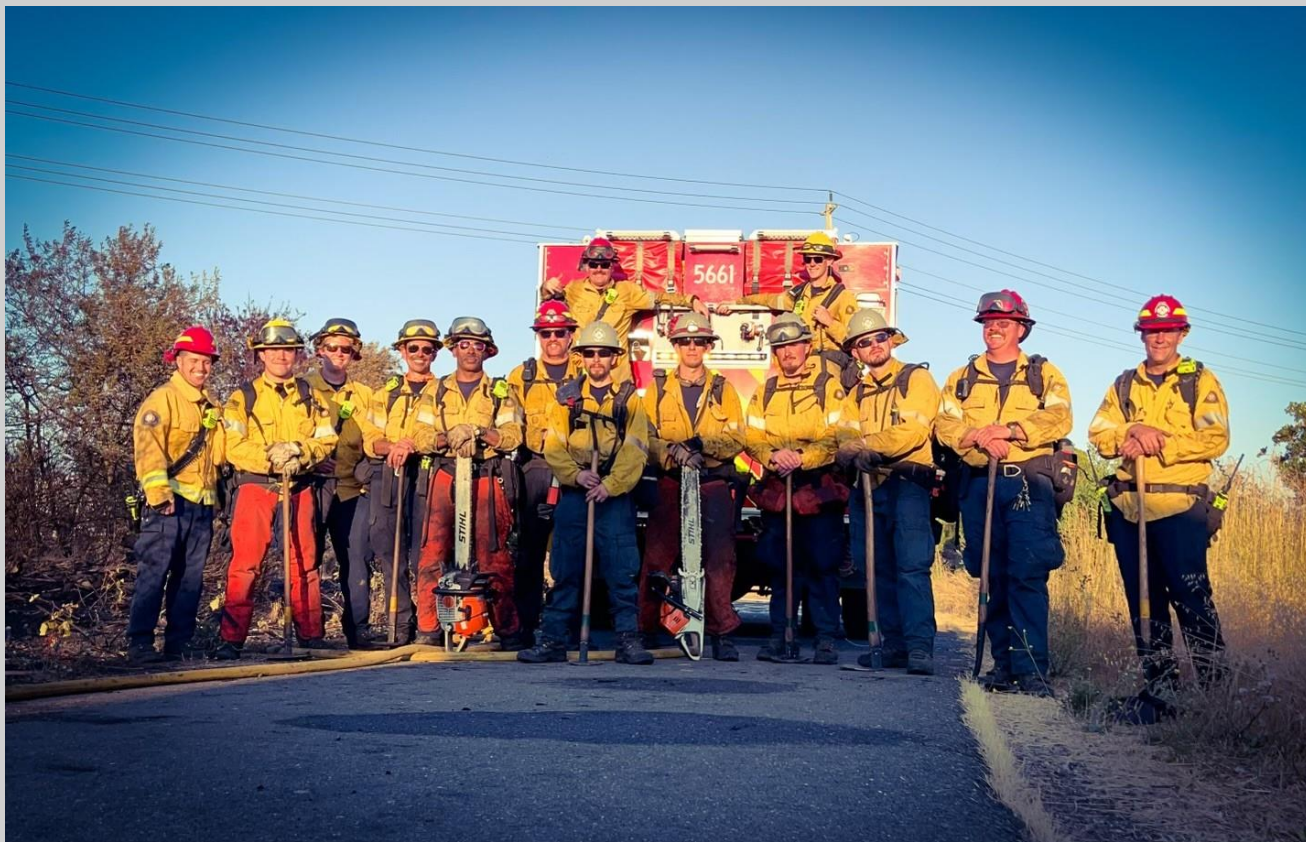


Before

After



The Diablo's Fuels Crew



Claremont Canyon



Before

After



Fire Fuels Crew

Anthony Chabot 365 Acre Project

- 90 % Complete
- 40 Tours Given





Project Status as of March 2024

East Bay Regional Park District: Biochar Deployment Success

- **Project Overview:** A 365-acre eucalyptus fuels management project between Oakland and Castro Valley aimed at fire prevention and carbon sequestration. The project illustrates our commitment to climate resilience by repurposing biomass into biochar.
- **Production Statistics:** From processing approximately 12,775 tons of biomass, we're set to produce 1,277 tons of biochar, achieving an average production rate of 17 tons every 24 hours when processing biomass. This underscores our dedication to proactive waste reduction and carbon capture strategies within the district.



East Bay Regional Park District: Biochar Deployment Success

- **Applications Across the District:**
 - **Agricultural Enhancement:** At Ardenwood Farms & Dig Deep Farms, biochar boosts crop soil, leading to healthier plants and increased yields.
 - **Erosion Control:** Usage at Oyster Bay & Wildcat counters soil erosion, while at Sunol, biochar aids in water filtration and plant enrichment.
 - **Restoration and Revitalization:** Sibley at McCosker Ranch for improved soil and Shadow Cliffs & Quarry Lakes benefit from enhanced plant health through biochar application.
 - **Water Management:** Radke-Martinez Park employs biochar in bioswales for effective stormwater management and pollution filtration.



Funding Sources 2024

- Fire Department General Fund of \$3.2 Million
- CA State Direct Funding of \$4.5 Million
- Measure FF \$700,000
- FEMA Anthony Chabot \$2 Million
- Calfire Grizzly Peak Strategic Fuel-Break \$2.5 Million
- Total Funding: \$12.9 Million
- \$28.2 Million – Future Outstanding Grant Applications



Future Work 2024 Anthony Chabot End

