

Park: Quarry County Park

Project Name: Maintenance of 2019 Governor's Emergency Fuels Reduction Project

Rank ID #: 2

Size: 83 acres

New or Existing: Existing

Implementation Status: 2021 maintenance completed; additional maintenance required in spring 2022

Project Description and Parameters: Improve public safety by maintaining nearly 100 acres of shaded fuel breaks and fuel breaks within Quarry County Park. The boundaries of this project are based on a fuels reduction project completed by CAL FIRE in 2019 (https://www.fire.ca.gov/media/5529/45-day-plan_18.pdf), in which mechanical, manual, and chemical treatments were used. Completion of this project is important as treatment areas can disturb fire behavior, prevent a ground fire from entering the canopy, and provide first responders access to conduct fire containment and suppression activities.

Location Specifics: During CAL FIRE's 2019 fuels reduction project, shaded fuel breaks were created along primary access routes and fire roads, and critical defensible spaces were expanded. This project will focus on maintaining these areas. Please see the map depicting project boundaries below.

Treatment Types: Maintenance to control incompatible vegetation within installed fuel breaks, including removal of Eucalyptus, broom, jubata grass, cape ivy, and other invasive species throughout the fuels reduction project area using manual, mechanical and chemical control methods.

Treatment Methods: Parks Department field staff and contractors will utilize mechanical, manual, and chemical treatment methods to maintain the Governor's 2019 fuels reduction project areas. Most work will be conducted by hand crews using spot-application of herbicide to control the regrowth of invasive species including eucalyptus, broom, cape ivy, and jubata grass. When practicable, heavy equipment will be used. Appropriate erosion control measures will be put in place to avoid sedimentation of nearby waterways.

Project Benefits: Fuel breaks and shaded fuels breaks are effective at disrupting fire behavior, slowing the spread of fire, preserving emergency responders' ability to access a fire and conduct fire containment and suppression activities, and preventing a ground fire from becoming a canopy fire. By maintaining the project areas, the Department will improve public safety for nearby communities.

Implementation & Maintenance Interval: Maintenance is required annually for at least five years to adequately control the regrowth of invasive species.

Cost and Budget: Estimated 5-year cost to complete retreatment activities is \$170,000, with an annual average cost of \$34,000.

Responsible Parties: Parks Department's Natural Resource Management Division will manage project planning, permitting, and implementation. The division will also be responsible for environmental avoidance and minimization measures and monitoring project areas. Parks Department field staff will be responsible for on-site coordination with contractors and enforcing any trail closures.

Quarry County Park: Maintain Governor's Fuel Reduction Project

