

Park: Quarry County Park

Project Name: Create and Maintain a Shaded Fuel Break Along Fire Roads in Quarry Park and Mirada East

Rank ID #: 16

Size: 100 acres

New or Existing: Existing

Implementation Status: Part of this project will be completed in fall 2021. Implementation will continue through 2022 and 2023.

Project Description and Parameters: Mitigate the threat of wildfire to nearby residents by strategically removing large diameter trees along fire roads within Quarry County Park to satisfy CAL FIRE's minimum clearance requirements for emergency access roads and to protect first responder's ability to access a fire and conduct fire containment and suppression activities. Expand shaded fuel breaks within 100-foot of fire roads in areas not completed through the Governor's 2019 fuel reduction project.

Location Specifics: Large diameter tree removal will occur throughout the park along all vehicle-accessible trails and roads. Current mapped areas show a buffer of up to 200-feet from either side of a fire road where shaded fuel breaks and hazard tree removals could occur, as well as a 100-foot-wide area where understory vegetation thinning would occur. These polygons are subject to change following ongoing field reconnaissance and project scoping.

Treatment Types: Removal of Tasmanian blue gum eucalyptus and other species located immediately along road.

Treatment Methods: Parks Department field staff and contractors will utilize manual and mechanical treatment methods to remove large diameter trees from along fire roads within Quarry County Park to protect first responder's ability to access the interior of the park. Felled trees and other vegetation will be processed using a chipper, and wood chips will be retained on site to assist with erosion control and weed suppression. Trees too large to be processed by the chipper will be bucked and left on site. Once larger trees and debris have been removed, mechanical treatment will be utilized to maintain the project areas. All appropriate protocols will be implemented to protect and avoid rare, threatened, endangered, and/or sensitive species. Appropriate erosion control measures will be put in place to avoid sedimentation of nearby waterways.

Project Benefits: Completion of this project will improve public safety by: mitigating the threat of wildfire to nearby residents by reducing fuel loads; and preserving emergency responders' ability to access a fire and conduct fire containment and suppression activities.

Implementation & Maintenance Interval: Initial treatment is estimated to take two to three years to complete. Maintenance should occur every five years thereafter, depending on observations made during monitoring.

Cost and Budget: Estimated cost to remove large diameter trees and expand shaded fuel breaks along fire roads in Quarry Park is \$1,142,000, in alignment with the existing funds awarded by the State Coastal Conservancy.

Responsible Parties: Parks Department natural resource staff and the San Mateo County Resource Conservation District will be responsible for managing contractors during initial treatment activities and

field staff will be responsible for coordinating any trail closures. Field staff will also be responsible for overseeing and/or conducting subsequent maintenance activities. Parks' Natural Resource Management Division will oversee permitting, environmental avoidance and minimization measures, flagging of sensitive resources, and monitoring project areas.

Project Maps: The first map below displays the project boundaries as originally scoped for within the Wildfire Fuel Management Program. The second map displays the planned treatment areas that are being worked on by the San Mateo Resource Conservation District and San Mateo County Parks Department with funding from the State Coastal Conservancy. Areas that are not included the San Mateo RCD and Parks Department's project but scoped in Project #16 will be completed at a date to be determined when necessary permits are obtained, and funding has been secured.

Quarry County Park: Create and Maintain a Shaded Fuel Break Along Fire Roads in Quarry Park and Mirada East

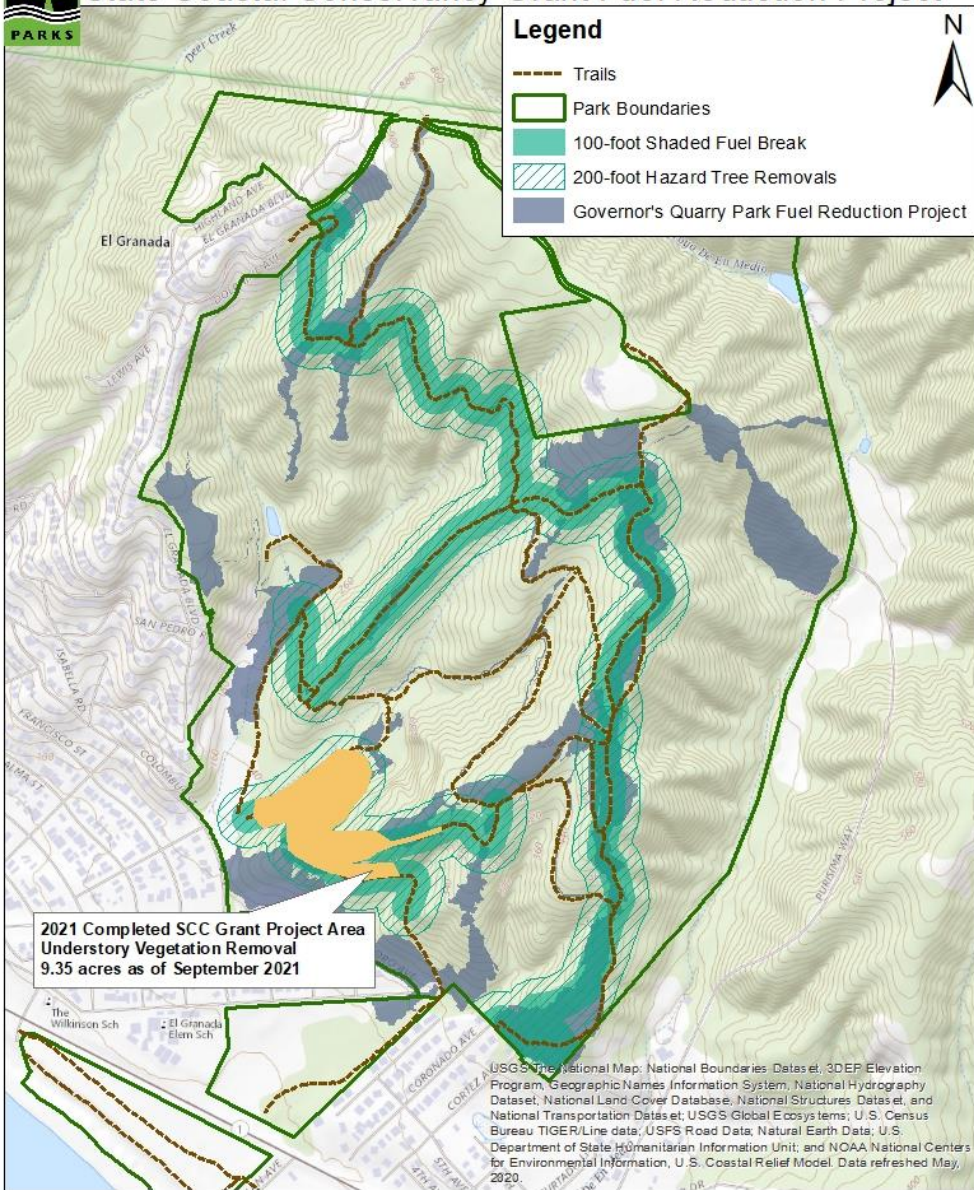




Quarry County Park State Coastal Conservancy Grant Fuel Reduction Project

Legend

- Trails
- Park Boundaries
- 100-foot Shaded Fuel Break
- 200-foot Hazard Tree Removals
- Governor's Quarry Park Fuel Reduction Project



2021 Completed SCC Grant Project Area
Understory Vegetation Removal
9.35 acres as of September 2021

USGS The National Map: National Boundaries Data et, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Data et, and National Transportation Data et; USGS Global Ecosys tems; U.S. Census Bureau TIGER/Line data, USFS Road Data, Natural Earth Data; U.S. Department of State Humanitarian Information Unit; and NOAA National Centers for Environmental Information, U.S. Coastal Relief Model. Data refreshed May, 2020.