# Maintenance & Resources Management Committee
# WATERSHED & GRANT PROGRAM ACTIVITIES

**January 22, 2020 – February 18, 2020**



Pre-treatment



Post-treatment



Pre-treatment



Post-treatment

**NID-CAL FIRE California Forest Improvement Grant Project Partnership:**
**Fire Fuels Treatment at Orchard Springs and Peninsula Campgrounds**

*Dense forest conditions characterize the watershed lands that surround many of NID's campgrounds. The photos above illustrate pre-treatment and post-treatment conditions at Orchard Springs Campground after mastication, as part of this partnership project with CAL FIRE under the CFIP program. Forest thinning will increase runoff and overall forest health, while reducing risks associated with high-intensity wildfire in this important source watershed.*

**Watershed Division Overview:**
During the last month, Watershed activities have included continuation of the Phase 4 Project mastication at Scotts Flat Reservoir, mastication at Orchard Springs Campground, and grant research. Cameron Townsend continues to bring critical capacity to NID's Watershed Program and assisted with site visits in response to requests from neighbors regarding fuels conditions, PG&E vegetation work associated with line hardening, and Scotts Flat Reservoir project implementation. He is also assisting with CMMS development for NID's watershed lands, including system development, asset definition, and data collection.

**GENERAL WATERSHED AND HEALTHY FORESTS PROGRAM UPDATE:**
- **Fire Fuels Reduction & Forestry-** Forest thinning continues as grant funding is utilized to masticate dense ladder fuels at Scotts Flat and Rollins Reservoirs. THP implementation continues to be on hold as timber prices are very low
- **Community Fire Fuels Concerns-** The shaded fuel break on District lands off Magnolia Rd. is complete.  This project creates a critical and strategic fuel break between the Bear River canyon's steep and densely vegetated slopes, and communities along Magnolia Rd. and Lake of the Pines. CAL FIRE has completed its final site inspection and the project received positive reviews
- **Forest Management Plan for District-owned lands-** under development
- **English Meadow-** Field work is completed for 2019 and a Technical Team Meeting will occur in Q1, 2020
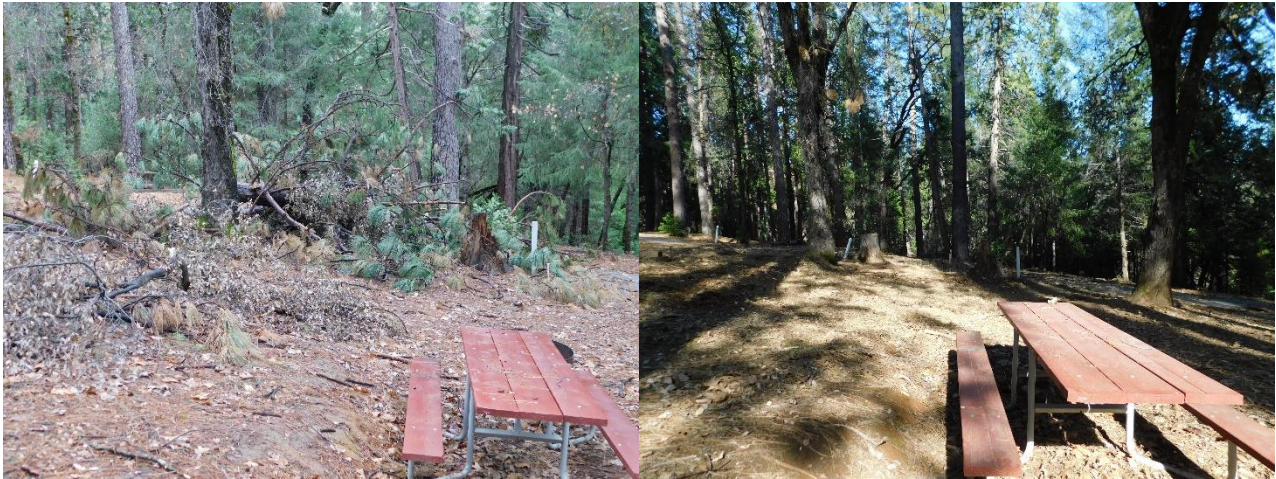
**GRANTS UPDATE:**
- **Sierra Nevada Conservancy Grant, Yuba Headwaters/English Meadow Grant-** the Forest Management Plan is under development
- **CAL FIRE CFIP Grant for Rollins and Scotts-** Final 10 acres were completed by Don Prairie at Orchard Springs Campground
- **SNC Fuels Treatment at Scotts Flat Phase 4-** Project implementation is underway and contracts with Black Dog and Robinson Enterprises are nearly completed on the first 75 acres. Dry winter conditions are being taken advantage of. This grant agreement is executed with the Sierra Nevada Conservancy for $981,000 at Scotts Flat Reservoir to masticate fire fuels and improve forest health by creating a multi-species, multi-aged, properly spaced community. This project will improve watershed health while protecting the water system infrastructure, terrestrial and aquatic habitats, and communities from elevated fire risk.  In total, we will treat 300 acres by Jan. 1, 2022
- **A Sierra Nevada Conservancy grant application for the Watershed Improvement Program was submitted on 10/17/2019**- $560,000 request to complete 185 acres of fire fuels reduction/hazard tree removal at Rollins Reservoir (Long Ravine, Greenhorn and Orchard Springs Campgrounds) and at the Rollins Hydro Powerhouse. This grant application was not recommended for funding

**OUTREACH, COLLABORATION and EDUCTION:**
- **CABY-** The CABY IRWM Plan update will continue through 2020
- **Education & Outreach –** Activities for 2020 are being preliminarily planned and may include: support and participation for the Nevada County STEAM Expo in March; summer camp at the Ditch Tender's House; Watershed Open House for the community; project signage

Orchard Springs Fire Fuels Treatment, CAL FIRE CFIP Partnership Project (cont.):



Pre-treatment                               Post-treatment

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