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G4 Environmental Assists C.T.L Forest Management (CTL) DBA Ceres Forestry with the CalRecycle / Cal OES Camp Fire Hazard Tree Removal Program (HTRP) in Butte County, California

Paradise, CA, November 11, 2021 - G4 Environmental, LLC (G4) completed its work with CTL on the FEMA-funded CalRecycle / Cal OES Camp Fire Hazard Tree Removal Program (HTRP) in Butte County, California



CTL crews treating the steep slopes along Skyway, the main road connecting Chico to Paradise and Magalia.

The Camp Fire was the deadliest and most destructive wildfire in California's history and the most expensive natural disaster in the world in 2018 in terms of insured losses. In less than 24 hours, the fire had swept through the town of Paradise and other communities, causing 85 deaths and destroying more than 18,000 buildings. The fire covered an area of 153,336 acres, and the towns of Paradise and Concow were almost completely destroyed, each losing about 95% of their structures. In addition, the towns of Magalia and Butte Creek Canyon were also largely destroyed.

In August 2020, G4 was asked to write a new Cal OSHA Compliant Illness and Injury Prevention Program (IIPP) and Health and Safety Program (HASP) for CTL/Ceres Forestry for the Camp Fire HTRP. G4 wrote the IIPP and HASP and assisted CTL with the skills qualifying, onboarding, and safety training of all employees and subcontractor personnel for the project.



After the onboarding, CTL hired G4's Principals Patrick and Dorie Gayner onto the CTL Incident Management Team (IMT) as Operations Chief and Safety Coordinator. With Patrick Gayner as the Operations Chief, Dorie Gayner as the Health and Safety Co, and a Site Safety Officer, CTL provided hazard tree removal services for Cal OES and CalRecycle. Patrick managed 11 falling crews and 11 hauling crews while Dorie managed the safety program for the project. The project required the removal of approximately 60,000 Hazard Trees over 700 miles of road in the Butte County Campfire Footprint in terrain that ranged from moderate to very steep and in areas that included powerlines, homes, public infrastructure, and busy highways. Over 50% of the trees were felled by hand, tops and slash were chipped. In addition, lop-and-scatter was used in sensitive environmental and archeological areas.

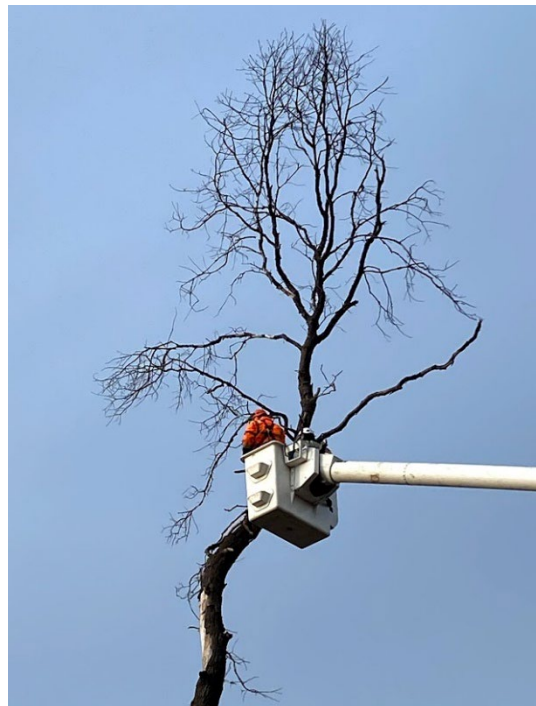


CTL Foreman Mark Herndon (right) working the steep slopes of Jordan Hill in Magalia

The project challenges included an area rich in archeological sites, endangered plant and animal species, and Class-1 rivers that support Salmon and Steelhead Trout, steep slopes, and hazard tree felling near utilities and public infrastructure. The CTL IMT led the planning initiatives needed to overcome the sensitive environmental and archeological hurdles the project presented. Patrick wrote a Steep-Slope Operations Plan for the project that became a model for Cal OES / CalRecycle in future projects. Dorie Gayner administered the Health and Safety Plan for the project, which was written by G4 Environmental, LLC, and managed the crews' daily safety reporting and training.



***Hazard tree removal on the downhill side of Skyway above
aerial tree deconstruction below***





CTL crews removing hazard trees on Dogtown Road along Magalia Reservoir above and in the Town of Paradise below.





Veteran Faller Chris Blair executing a complex hand fall with mechanical assist – large timber against a communication line.

The HTRP started on November 08, 2020, and our crews were demobilized from the project on November 11, 2021. The project was an incredible multi-agency and partner collaboration.

G4 is a Colorado Woman Owned Small Business (WOSB) and California Licensed Timber Operator (LTO) # A012213 with offices in Woodland Park, Colorado, and Loyalton, California. G4 is an environmental contracting, consulting, and management firm focusing on sustainable restoration solutions for our Forests, Oceans, Air & Rivers (FOAR).

For more information about G4 or this project, please email Dorie Gayner @ dorie@g4enviro.com.

