



CHELEY CAMPS FOX CREEK RESTORATION PROJECT



Implementing Agency:
Larimer Conservation District

Funding Agencies:
**Natural Resource Conservation Service
Peaks to People Water Fund
City of Loveland**

Funding Year:
2023

Treatment Type:
Mechanical Thinning

Watershed:
Big Thompson

Location:

The property is located approx. 8 miles West of Loveland, Colorado. Headwaters North Fork Thompson River HUC 12 Watershed.

PROJECT DESCRIPTION

LCD has identified 18 acres of forest restoration treatment within the Cheley Camps of Colorado property boundary. Historic forest type is Ponderosa Pine. Species composition has drastically shifted, tree densities are much higher, & average tree age class is lower than historic reference conditions for the site. The property is currently experiencing encroachment of non-fire adapted species due to the absence of wildfire as a disturbance mechanism throughout the last 100+ years. This project area requires heavy tree thinning to restore the forests to a healthy composition, structure, and ecologically functioning system

EXPECTED OUTCOMES

18 acres
Fuels Reduction and Forest Restoration

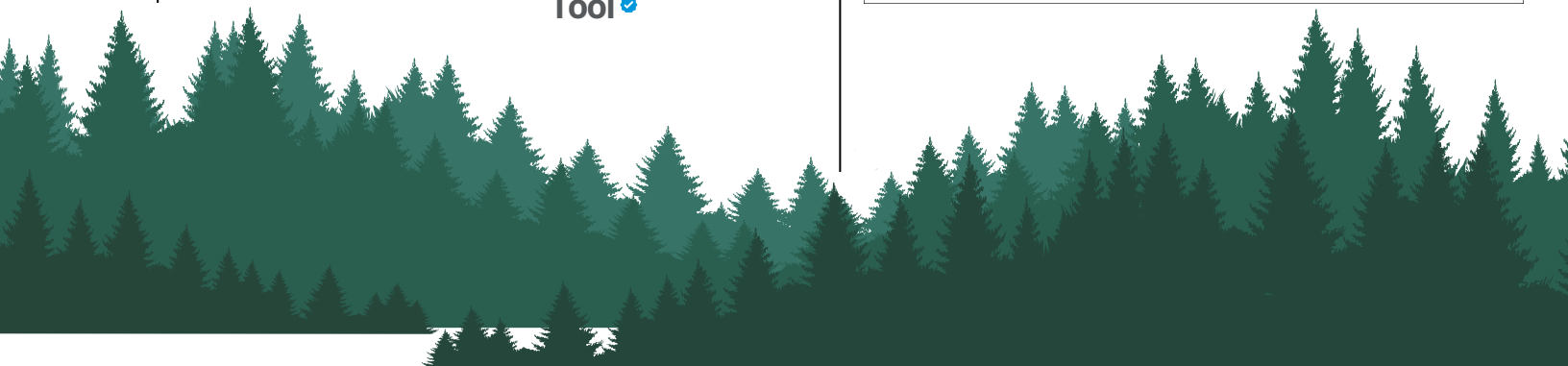
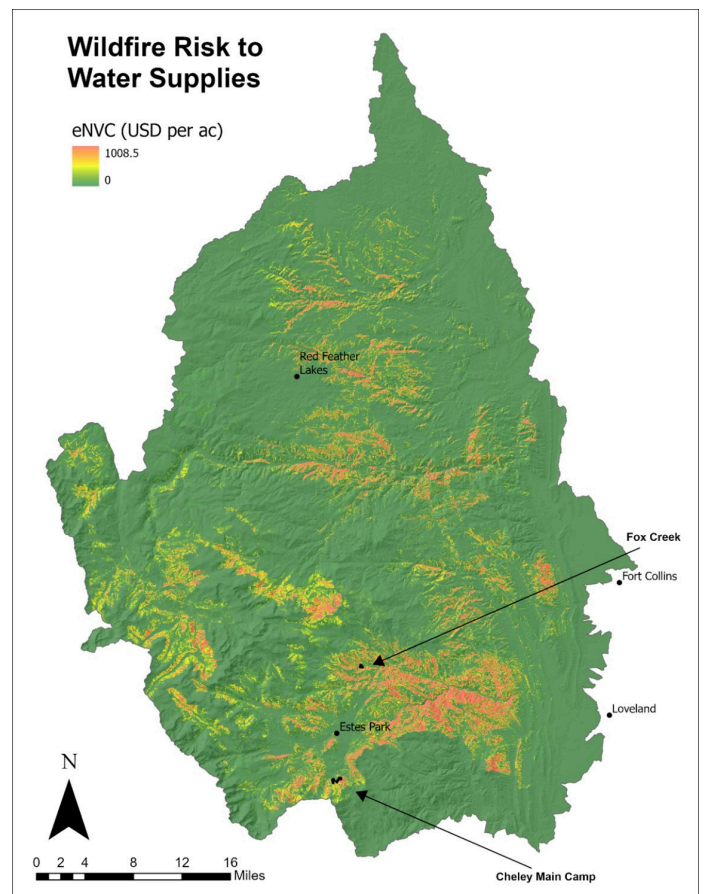
50 homes
Homes Within Influence Zone of Treatments

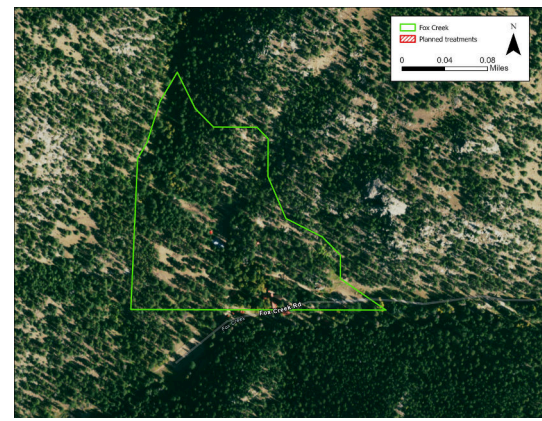
6 acres
Active Crown Fire Reduced

164 metric tons
Conditional Reduction in Sediment Delivered To Water Supplies

\$790
Conditional Reduction in Sediment Costs to Water Supplies

114 metric tons
Conditional Reduction in Erosion





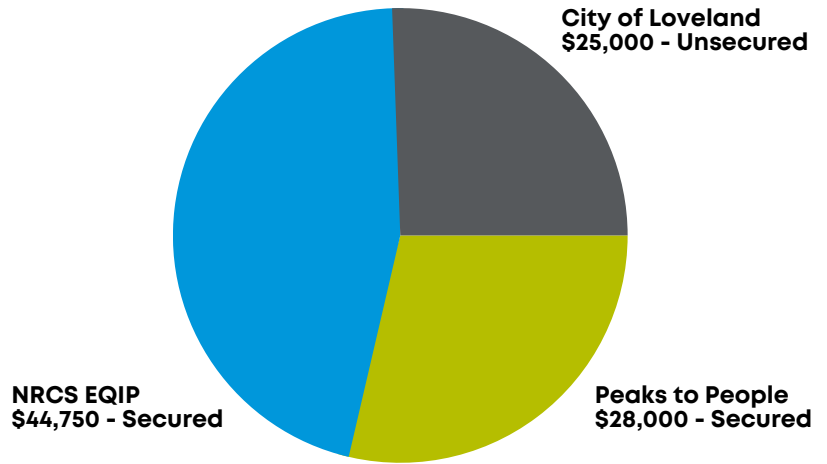
Project Map

PHOTOS

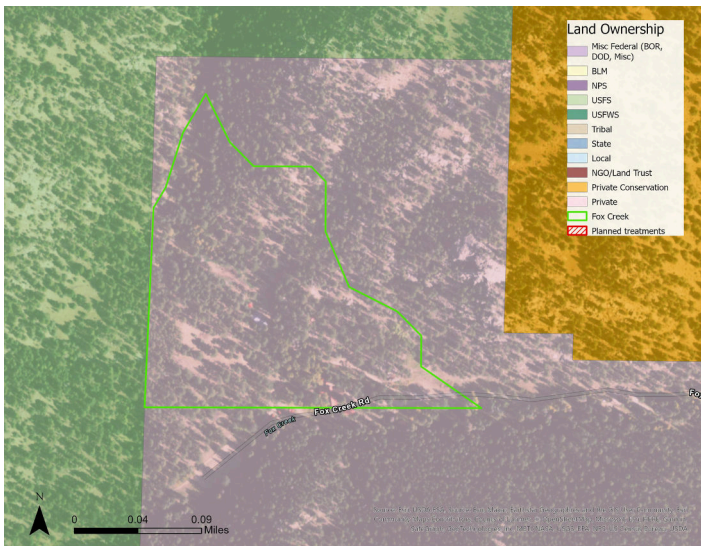
WATER SUPPLY INFRASTRUCTURE

The Fox Creek drains into the North Fork of the Big Thompson River. This area is characterized by moderate wildfire risk to water supplies and given the small treatment size would result in relatively low potential crown fire and sediment yield reductions. The downstream values include Barnes Ditch, the Loveland Greeley Canal, the Loveland pipeline, the Dille tunnel, and George Rist ditch which are valued by the Cities of Greeley and Loveland, and Northern Water.

FUNDING PROFILE

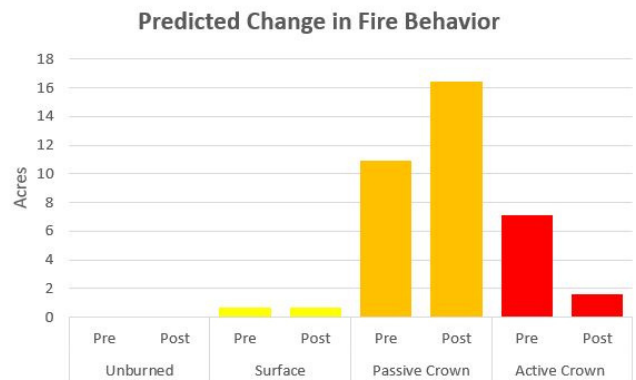


MAP



Location of the proposed Fox creek project (green) relative to land ownership.

PREDICTED CHANGE IN FIRE BEHAVIOR



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