

WALTONIA FOREST THINNING AND WILDFIRE RISK REDUCTION



Implementing Agency: Big Thompson Watershed Coalition

Funding Agencies: Peaks to People Water Fund Northern Water, CSFS, CO-DNR, U.S.Forest Service

Funding Year: 2023

Treatment Type: Mechanical Thinning followed by pile burning

Watershed: Big Thompson

EXPECTED OUTCOMES

O acres

84

Homes within 1 km

of Treatment Area

metric tons

Conditional Reduction in

Sediment Delivered To

\$12,834

Sediment Costs to

metric

tons

Water Supplies

1,318

Conditional

Reduction in Erosion

Γοοί 📀

Watershed Investment

Water Supplies

Conditional

Reduction in

Fuels Reduction and Forest Restoration

28^{acres}

Active Crown Fire Reduced

16^{acres}

Crucial Wildlife Habitat Protected from wildfire

2,663 metric tons

Conditional reduction in sediment delivered to water supplies Location:

Waltonia is located halfway between Estes Park and Loveland, Colorado, off of Highway 34.

PROJECT DESCRIPTION

This project includes 50 acres of forest treatment across small- to midacreage parcels within the community in addition to 1- mile of roadway defensible space work along Waltonia road from the entrance bridge up to the private gate at the top of the road. Waltonia is located in a narrow draw between heavily forested, steep canyon walls. The proposed treatment units are dominated by ponderosa pine and mixed conifer forests which are particularly dense on the west side of the valley.





Before

WATER SUPPLY INFRASTRUCTURE

The Waltonia property drains into the Big Thompson River. This area is characterized by high wildfire risk to water supplies (Figure 2) and potential crown fire and sediment yield reductions could be substantial (Table 1). 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.





PREDICTED CHANGE IN FIRE BEHAVIOR



Location of the Waltonia project relative to land ownership.



CONTACT US TO LEARN MORE AND SUPPORT OUR WORK:

<u>×</u>

www.peakstopeople.org

<u>info@peakstopeople.org</u>

970-829-0020

MAP