

Truckee Fire Community Wildfire Prevention Fund Annual Report

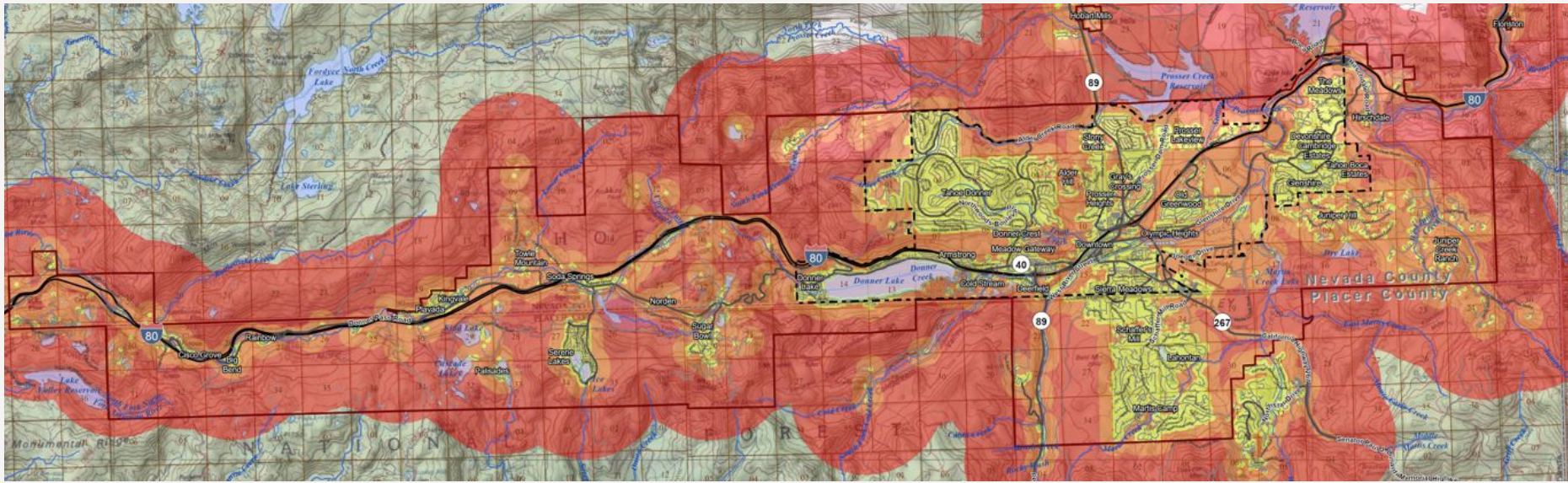


Table of Contents.

- Introduction: Measure T
- Removing Residential Fuels: Curbside Green Waste Chipping and Pick-Up
- Enhancing Structure Survivability: Defensible Space & Home Hardening Inspections
- Reducing Forest Fuels: Tree thinning & forest health
- Planning with the Community: Community Wildfire Protection Plan
- Improving Evacuation: Understand the issue and identify priorities

Wildfire Resilience Starting in 2022!

Rather than waiting for Measure T funding to become available in 2023, the Truckee Fire Board of Directors authorized the use of operational reserve funds to create a new Wildfire Prevention Division, hire core staff and start mitigation projects in the Spring of 2022*



Reducing the threat of wildfire in the Truckee and Donner Summit wildland urban interface areas.

On September 14, 2021, Measure T was approved by 79% of the voters.

This \$179/parcel for the next 8 years special tax creates an annual \$3.7 million dollar Community Wildfire Prevention Fund.

All of Measure T funds are managed by Truckee Fire and are dedicated to local fuel reduction & wildfire mitigation projects that aim to increase Truckee's wildfire preparedness & resilience.



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ARGUMENT IN FAVOR OF MEASURE T

Vote YES on T to protect our Truckee and Donner Summit communities from wildfire.

The forests surrounding our neighborhoods are packed with dry brush and dead trees because we have suppressed natural fires for 100 years. This leaves our communities vulnerable to wildfire. Measure T helps remove these materials in an environmentally responsible way - reducing the risk of wildfire and improving the health of our forests and watersheds.

The deadly, destructive fires of Paradise and Sonoma made clear that taking action is essential and cannot wait any longer.

Measure T provides our local fire district with the resources needed to remove fire hazards, help ensure our evacuation routes remain free of obstruction, and better protect against wildfire emergencies.

When wildfires start, quick community notifications can save lives. Measure T investments in early detection and emergency warning systems will help residents escape danger in less time.

YES on T: Firesafe Truckee and Donner Summit Communities

- Remove dry brush, dead trees and fire hazards in and around our neighborhoods and wildlands
- Add firebreaks to prevent the spread of wildfire
- Improve emergency evacuation routes and procedures
- Provide homeowners with easy, inexpensive green waste disposal options
- Improve defensible space around homes, neighborhoods and critical infrastructure

All Measure T Funds Stay Local for Fire Prevention

- Measure T funds will be spent locally for fire protection and prevention
- Funds cannot be taken by the counties or state
- An independent citizens' oversight committee is required

If your insurance hasn't yet been increased or canceled, it will be. We are already behind the curve in protecting our region. We cannot wait for someone else to solve our problem.

Vote YES on T to prevent wildfire - our homes, businesses, economy and families depend on it.

Learn more at: YesOnT.vote

Anna Klovstad, Mayor of Truckee & 24 year Truckee Resident

Roxanne Duffield, Local Insurance Agent & 40 year Truckee Resident

Perry Norris, Co Executive Director Tahoe Donner Land Trust

Bill Seline, Fire Chief Truckee Fire Protection District

Andrew Barr, Local Business Owner - 50/50 Brewery & Drunken Monkey Restaurant

Major Milestones.

2021

Sept
Measure T
Passed

Dec
Board elects to build
new Division & fund
from operational
reserves

2022

May
First curbside
green waste
pickup

May
Defensible Space &
Home Hardening
education program
launched

Aug
Fuel reduction
& forest
management
projects

Oct
Conclude
inspection and fuel
reduction programs

2023

Dec
Program expansion
Assistance Programs
(planned)

Spring & Summer
Maintain previous
year's programs and
expand new
programs

Assistance Program to support:

- Home Hardening retrofits
- Dead Tree removal
- Elderly, Disabled & low income defensible space
- Early Fire Detection
- Evacuation

Wildfire Prevention Team.



Kevin McKechnie
Fire Chief

Support & Leadership



Measure T
Citizens
Oversight
Committee

Financial Oversight



Eric Horntvedt
Wildfire Prevention
Manager



Dillon Sheedy
Asst. Wildfire Prevention
Manager, Forester



Arden Heki
Wildfire Prevention
Specialist



4 Defensible Space
Specialists (seasonal)

As a community we are all adapting to wildfire. Continuing to remove fuels and harden homes will help our community reduce the risk of a catastrophic wildfire. On behalf of Truckee Fire I want to thank the community for investing in wildfire prevention both with financial support and taking actions on their property.

Kevin McKechnie, Fire Chief



An aerial photograph of a residential neighborhood built on a hillside. The houses vary in style, including a large wooden house on the left, a white house with a grey roof in the center, and a white house with a red door on the right. The background shows more houses and a large building on a higher slope, surrounded by pine trees. The text "CURBSIDE GREEN WASTE PROGRAM" is overlaid in the center in a bold, white, sans-serif font.

CURBSIDE GREEN WASTE PROGRAM

Curbside Green Waste Program Overview.

The Curbside Green Waste program is designed to increase defensible space compliance by giving residents access to resources to reduce vegetative fuel on their property, removing the barrier of transporting green waste to the dump

Reduce fuel load community wide with easy access to the Measure T funded program

Deliver service to any property in the district within 2 weeks of reservation

Complement and expand existing neighborhood defensible space and firewise programs

Provide access to two service options:
Onsite chipping or
Pick-up & haul away



Program Design.



Inaugural Year

The 2022 program was the first year of community wide curbside green waste. It built upon experience from smaller neighborhood programs like Tahoe Donner HOA. The program focused on providing an outlet to easily dispose woody biomass, and was designed to complement existing green waste programs like yard waste carts and 6-yard green waste dumpsters.



Registration

Registration for the green waste program started on April 25th. Residents were asked to create their pile and then make a registration via the new chipperday.com website. Residents would select the type of service and receive a confirmation email.



Schedule

The goal was to meet all resident requests within 2 weeks of the request date. While the schedule was set at the start of each week, it was updated based on new requests and overall capacity in the truck (pickup).



Piles

Pile size was not limited, and residents could make more than one request throughout the season. Residents were educated that making a neat pile in a location that could be serviced was very important, and informed of what materials were eligible and ineligible.

2022 Curbside Green Waste Overview.

8,570 cubic yards of flammable material removed.

Residents cited this program as the motivator to remove almost 6,000 cu yards

2,478 piles serviced district wide*

39% participants had more than 1 pickup

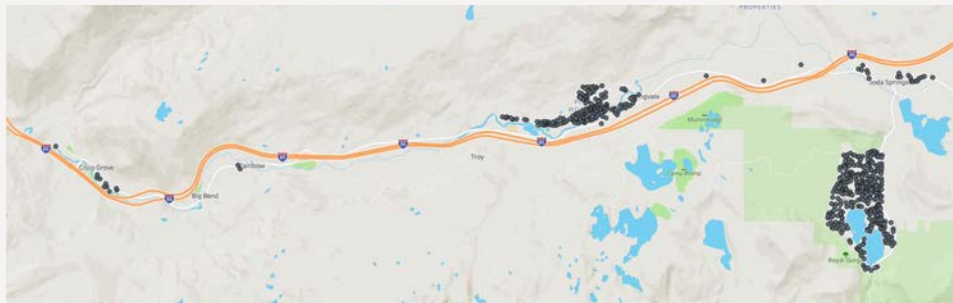
Driving investment by residents

For every \$100 spent on this program, the community invested \$121 and 4.6 hours in

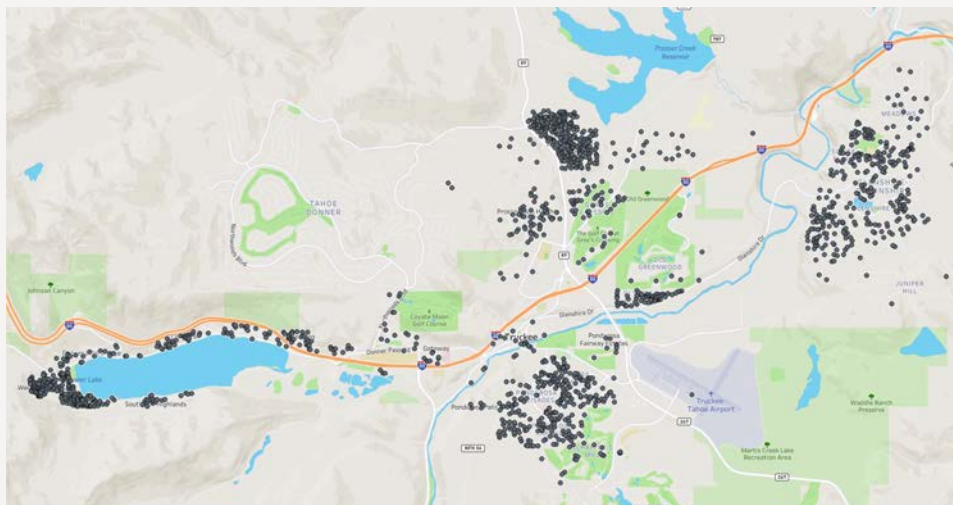
Green Waste Dumpster Support

Truckee Fire offered \$75 rebates for 6 yard green waste dumpsters, and processed 336 Rebates

**Excludes Tahoe Donner, Martis Camp, & Lahontan communities which ran their own program*



2022 Reservations – Donner Summit Area



2022 Reservations – Truckee Area

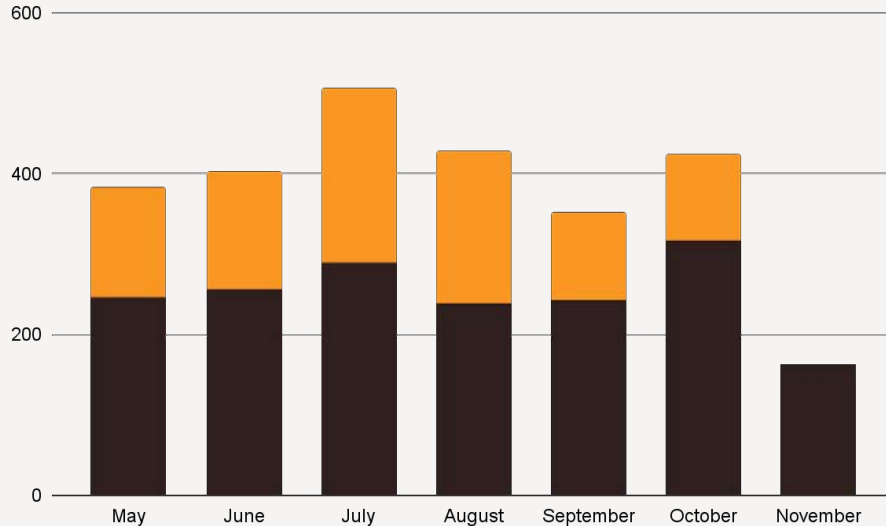
Removing Fuel from the Community: **Pick-Up & Haul Away**



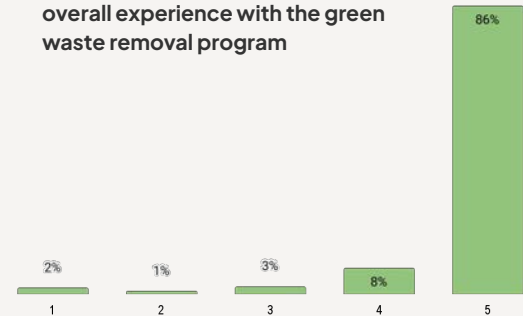
Removing Fuel from the Community: **Chipping**



2022 Curbside Green Waste Activity Summary.



4.8 out of 5.0 average rating on overall experience with the green waste removal program

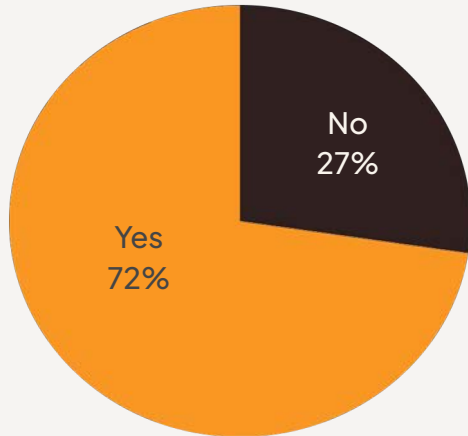


	Pickup	Chipping
Cubic volume	6,579	1,991
Completed services	1,887	949

2022 Activity Summary.

Curbside program reservation system opened in April and closed at the end of September. Contractors were providing services May–October which allowed opportunity for defensible space creation and ensuring the program could be used equitably throughout the season.

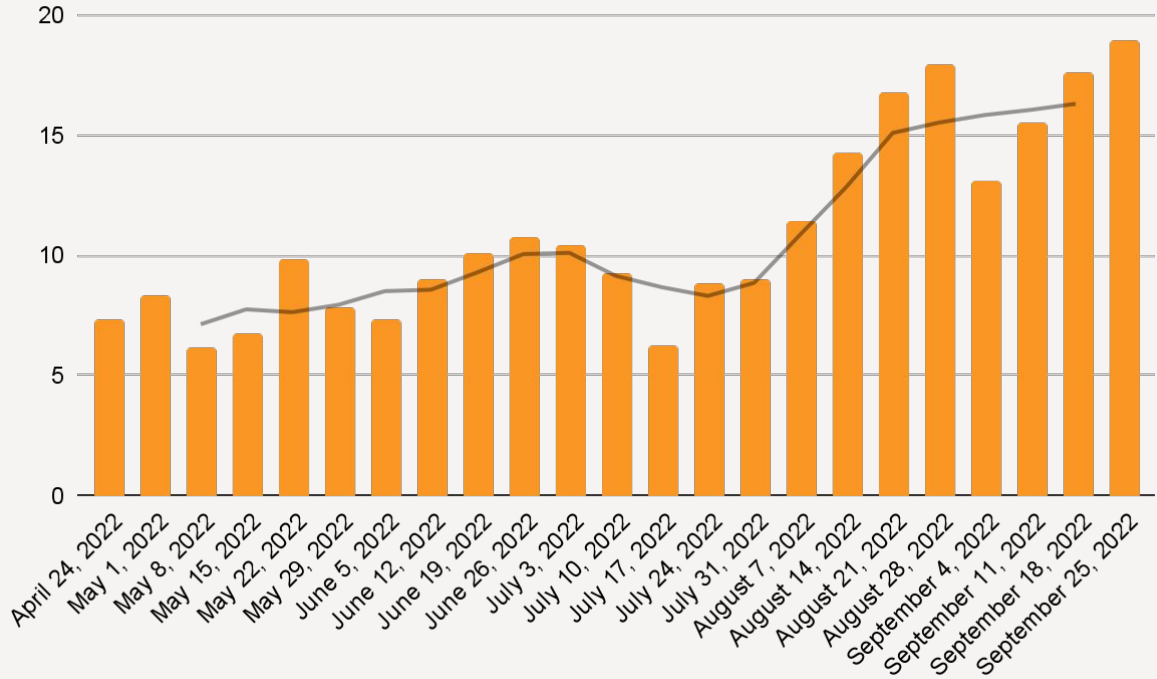
Did the green waste program cause you to remove the vegetation?



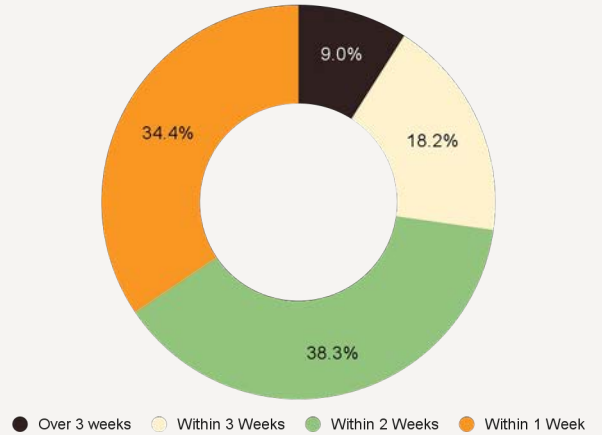
“Fantastic and much needed program. I do not have the means to remove all the green waste on my own.”
–Ponderosa Pines

Reservation Pickup Performance.

The average time from reservation to pickup was 11 days



Reservation pickup by week



The pickup program reduced the impact of individual dump runs.

53% of participants indicated the program saved them an individual trip to the dump. By eliminating these trips with chipping on site and efficiency of a large scale truck for haul away we estimate this **eliminated* over 9,300 kg of CO2**

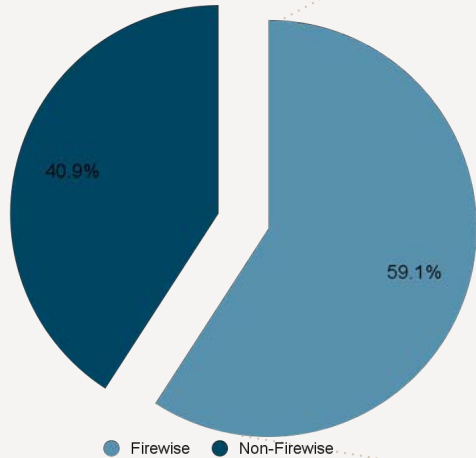
In addition to the benefits from reducing traffic congestion and using optimized routing based on pickups for the day



*This worked great for me. I was going to do it anyway but I would have taken a few hours to get it to the dump. The process was easy and I'm glad I voted for Measure T. Thanks.
-Sierra Meadows*

FireWise Activity.

~60% of the participation came from designated FireWise communities. This helps those communities maintain their designation and simplifies earning it for new ones



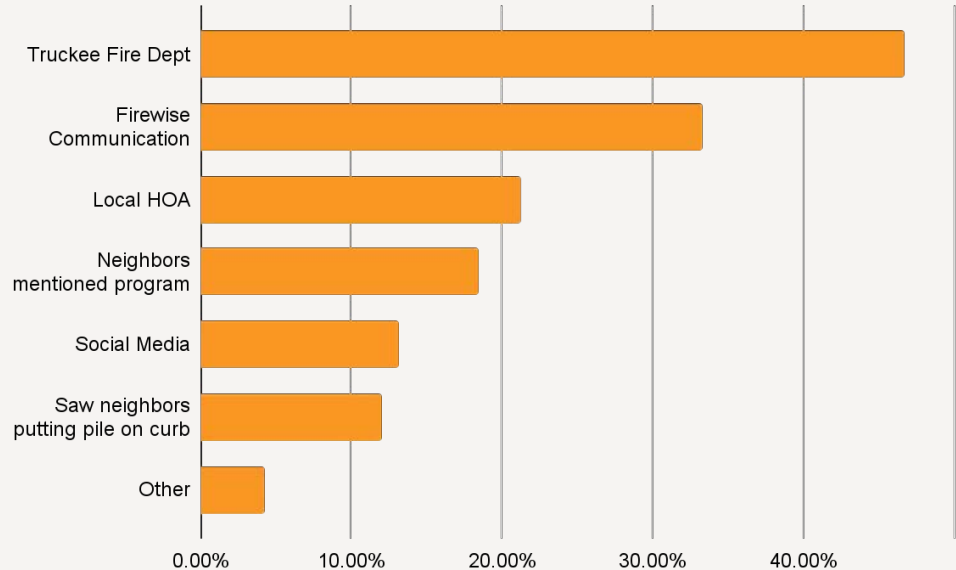
	Pickups & Chipping	Cubic Yards
Glenshire Devonshire	334	1132.5
Grays Crossing	70	352.1
Juniper Hill	15	86.5
Kingvale	31	73
Martis Peak	3	11
Old Greenwood	5	13.5
Pine Forest	5	17
PlaVada	199	528.5
Ponderosa Ranchos	66	244
Prosser Lakeview	303	1269
Schaffer's Mill	21	86
Serene Lakes	308	760
Sierra Meadows	110	402.5
Towle Mtn	4	46
West End Donner Lake	205	635

Program Awareness.

Of the total pickups completed, 31% of all residents took the time to fill out the post chipping survey. The vast majority of comments left on the survey are positive. Some do offer constructive advice on how to improve the program in future years.

Thank you very much for offering this program! I've used it twice now, and very grateful. I know it's a new program, my only suggestion is that there was a better form of communication about the program... But I know this is all new for everyone. I only knew about the program by seeing other peoples branches and green waste out in front of their home and had to do some research. I hope you keep the program up, it's great for the community! Thank you again. -Sierra Meadows

Where did you learn about the program?



n=865, respondents can select as many as apply

Resident Feedback.

Of the total pickups completed, 31% of all residents took the time to fill out the post chipping survey. The vast majority of comments left on the survey are positive. However there was some constructive advice that will be taken into consideration in future years.

Top areas of constructive comments

- 1) Improved communications related to pickup planning
- 2) Requests or questions about other flammable material
- 3) Managing the timing from request to pickup

Pickup Planning

“Thanks for the service! Having a more accurate idea of when to expect the pile to be picked up would have helped us schedule the work as well as giving us a deadline to work toward.”

“give a 3–4 day time window of when the contractor might remove the material”

Request for other flammable material

“I’d like a process to remove large dead trees that can’t be chipped”

“Please consider increasing the availability of pine needle–yard waste drop off locations throughout the season up to the November date that the green waste cart pickup service ends.”

“It made cleaning up my property so much easier. I still had to make 4 trips to the dump to get rid of yard waste (mostly pine needles, mule ears). It would be really nice to have additional green waste pickup for the loose items. Otherwise, this service saved me a lot of time and headache. Thank you!!”

Pickup Timing

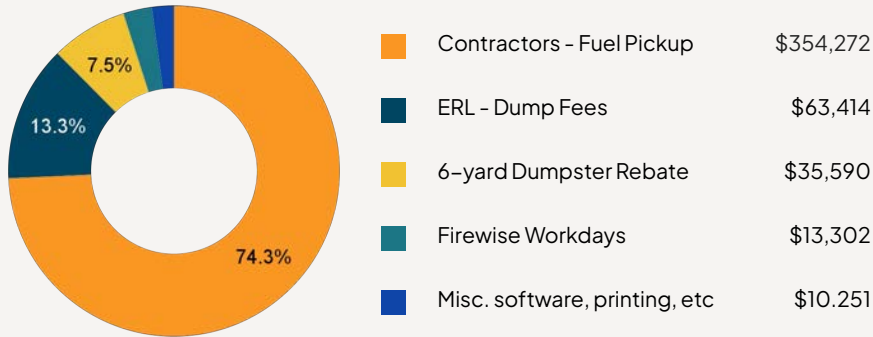
“Would have given this 5 stars if pick up was a bit quicker, like every week. Great program!!”

“Shorter turn around; 2 weeks is a long time to have material on property”

Program Budget.

The green waste program represented an excellent return on taxpayer dollars, delivering the desired results in an efficient and cost-effective manner.

Total green waste program expenditures during the 2022 fire season totaled **\$471,290**



*TFPD staff time for program administration & management was not included. These are direct program implementation costs only. These costs represent the program costs for the 2022 fire season and span two FY budgets.

Keep program in the annual budget -Glenshire

Best use of property taxes, thank you! -Juniper Hills

*“Good service for the extra taxes. Hopefully we're all a little safer.”
-Prosser Lakeview*

RFP Process.

A Request for Proposal was publicly released in January 2022 and all contractors in the area were eligible to bid on the project. Requirements for a complete bid offer included the ability to provide continuous service from May through October.

Contractors were required to submit hourly rates for labor and equipment to provide services. In addition, all contractors were required to supply proof of insurance and liability coverage. The Fire District paid the direct costs of material disposal at the Eastern Regional Landfill.

In total, Truckee Fire received bids from 7 local contractors. The Board authorized selecting two partners to support the 2022 season: Wilderness Forestry for pick-up & haul away service and Fire Safe Council of Nevada County for chipping.



Public Feedback.

"Thank you so much for this program. It helped me to have a plan for my green waste while I was clearing for fire prevention"

- Cisco Grove Resident

"The program is fantastic and it is so much appreciated! Can't rave about it enough, thank you!"

- Juniper Hills Resident

"Very worried about wildfires and drought, this service prompted us to clean up yard. Thank you."

- Olympic Heights Resident

"You guys did an amazing job. Saved me many hours putting stuff in green bins. THANK YOU"

- Prosser Heights Resident

"Because of this program, I will continue clearing my property until it meets the measure T requirements"

- Glenshire Resident

"I'm a senior & this program has been a tremendous help!"

- Ponderosa Palisades Resident

2022 Lessons Learned & 2023 Planning.

Improved routing for pickup.

Pickup service would have some issues with power lines blocking access of the grapple arm. Continued outreach and education on pile placement and route optimization is planned.

Improved communications for service.

2023 will see the introduction of opt-in for text messaging notifications and a new 'where's my chipper' tool

Pine Needles

Best options for pine needles are Town of Truckee yard waste carts, 6-yard green waste dumpster rebate, free dump days, 6 yards free self-haul, and Firewise community workday dumpsters.

Managing timing to pickup

Increased proactive notifications and estimates on pickup windows for residents

Goal: Eliminate any address from requesting pickup service when it is not available to them due to tight and narrow road limitations or known low-hanging overhead utilities.

Goal: Reduce customer service inquiries looking for updates on timing of their chipping, minimize time from request to service as possible

Goal: Increase collection of pine needles & debris from community through education of options to dispose of this material- reducing individual dump trips and ground fuels

Goal: Improve satisfaction scores from 4.8 to 4.9, meet all requests within the 14 day window throughout the season



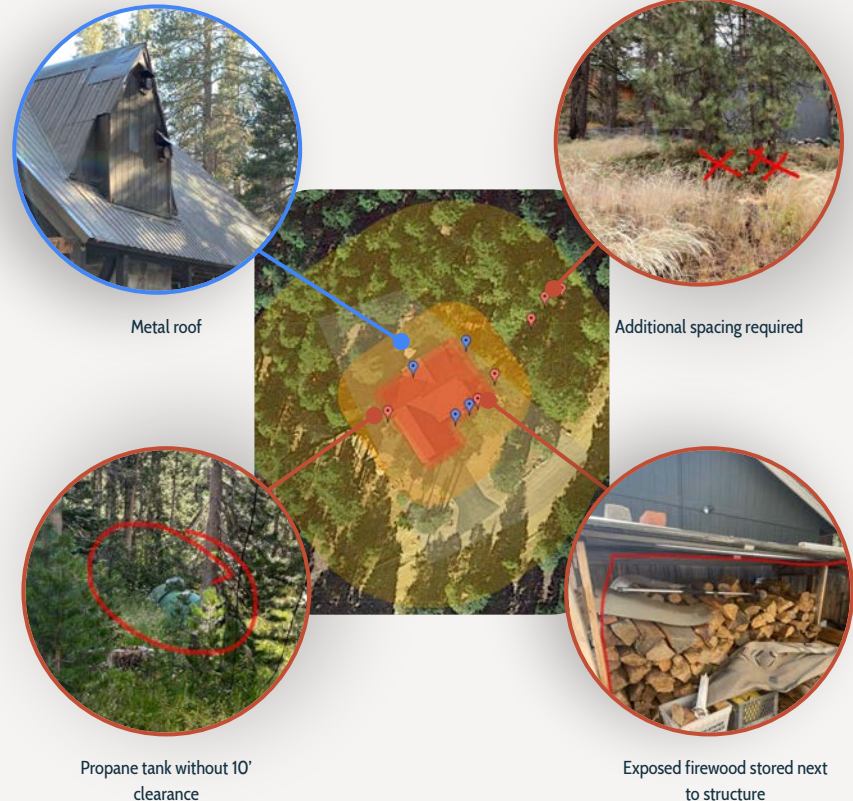
Defensible Space & Home Hardening Evaluation Program

The DSI program...

“Defensible Space Inspection”

...is designed to educate the public about structure ignitability and how they can take reasonable actions to create effective defensible space that reduces fire risk at their individual property, and promotes wildfire readiness and resilience in the community.

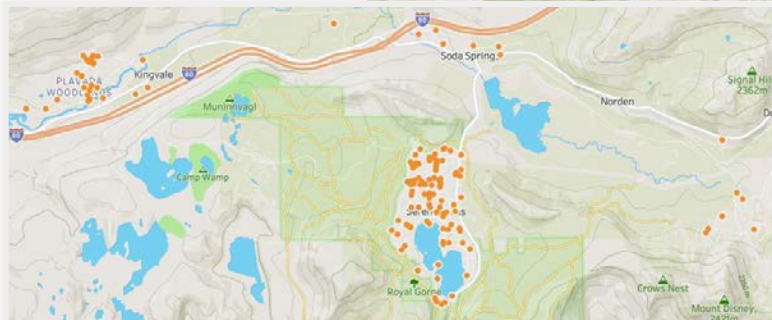
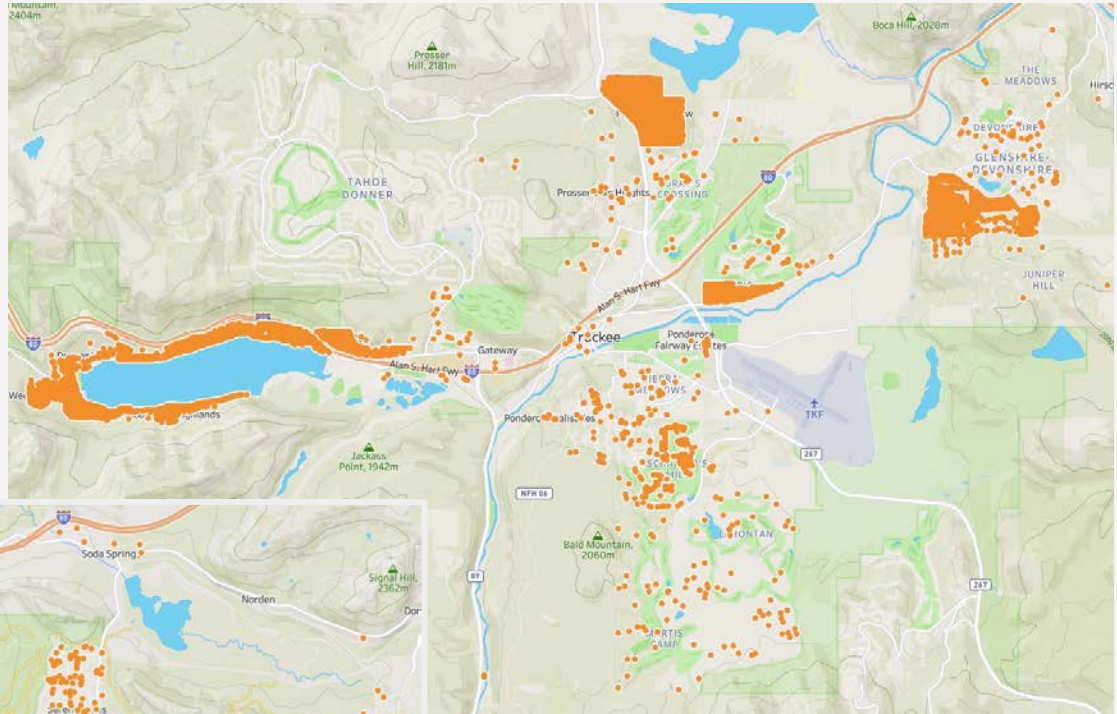
Goal:
Ensuring every home in Truckee Fire District has access to an in-person evaluation at least once every 3 years.



DSI Activity.

The **2022** defensible space program provided over **4,050** homeowners (**24% of homes**) with an in-person evaluation.

This led to over **46,000** personalized recommendations for the community and **2,700** hours of direct engagement.



It is worth noting that many HOAs & Communities in Truckee perform their own defensible space inspections. This includes but is not limited to: Tahoe Donner, Martis Camp, Lahontan, Glenshire-Devonshire, Serene Lakes, and Gray's Crossing. TFPD is supportive of this local approach and is working to get all of these communities access to the same inspection program that the Fire District uses.

The Defensible Space Program...

provides home and landscape evaluations for property owners. By educating residents of their defensible space responsibilities & best practices for home hardening, and providing support, we can reduce structure ignitability and can create fire adapted communities.



Program goals.

Every property owner should have the opportunity to learn what they can do to make their home safer from the threat of wildfire.

Educate residents on steps that can be taken to reduce ember exposure through Home Hardening retrofits

Provide comprehensive, consistent, and accurate defensible space recommendations residents.

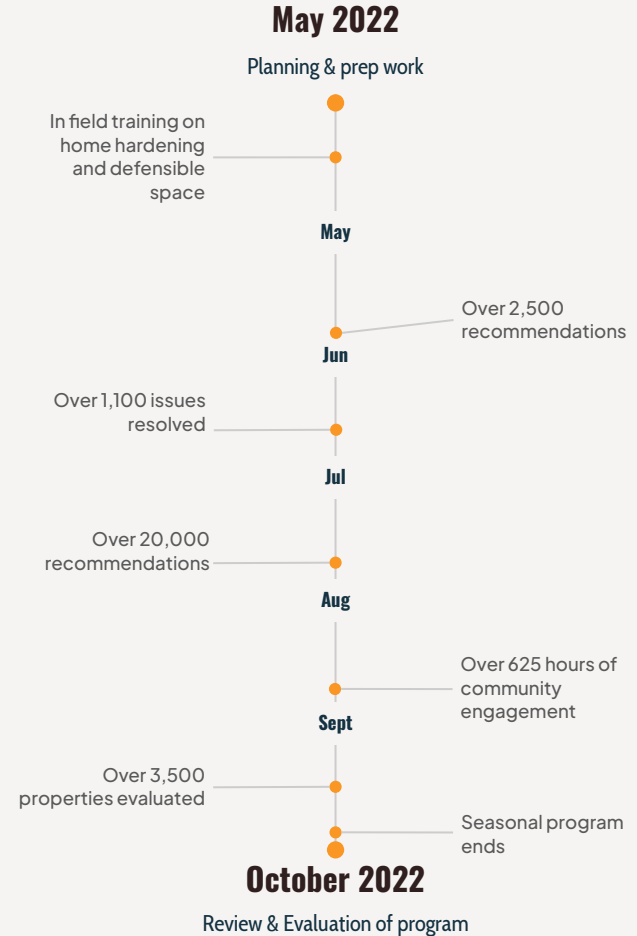
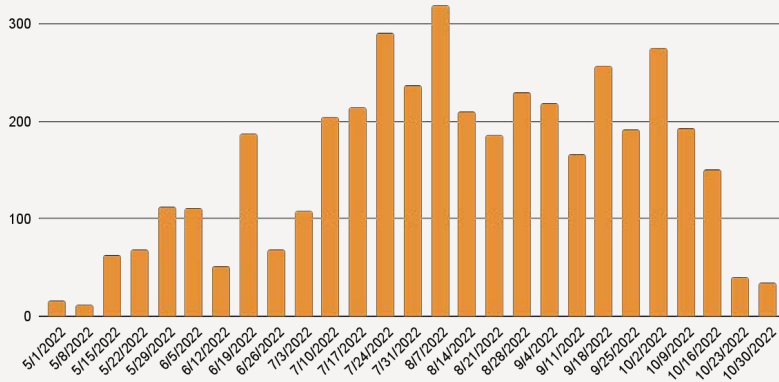
Encourage residents to create defensible space emphasizing local fire code violations and best practices.

Make residents aware of resources such as Green Waste curbside pickup & chipping

Ensure that residents are signed up to CodeRED, Zonehaven and/or Placer Alert for emergency notifications.

Program goals.

Annual inspections and evaluations are aligned with “fire-season.” The core team is augmented with 4 seasonal hires from May through October



Review & Evaluation of program

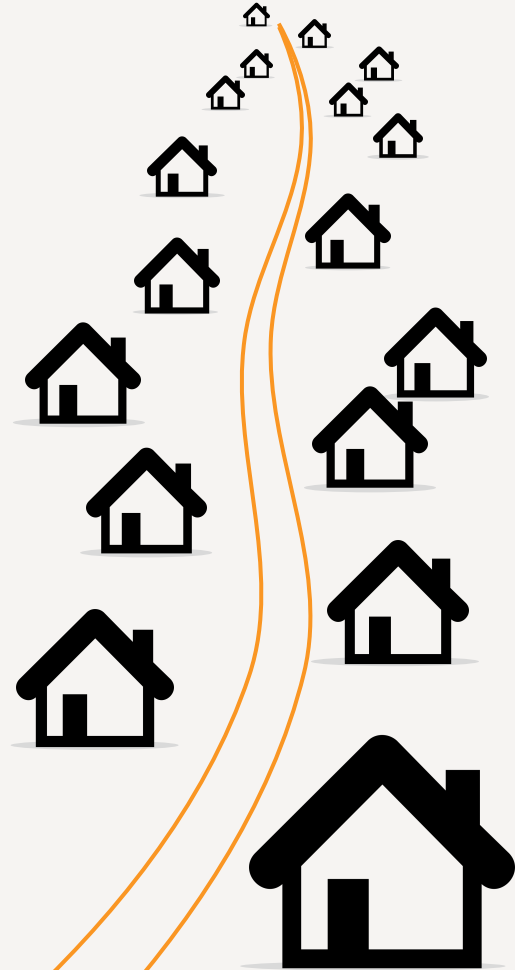
A Typical Day...

...inspectors each visit 12–15 homes in a community on average.

The process begins with an assessment from the public right-of-way before approaching the home.

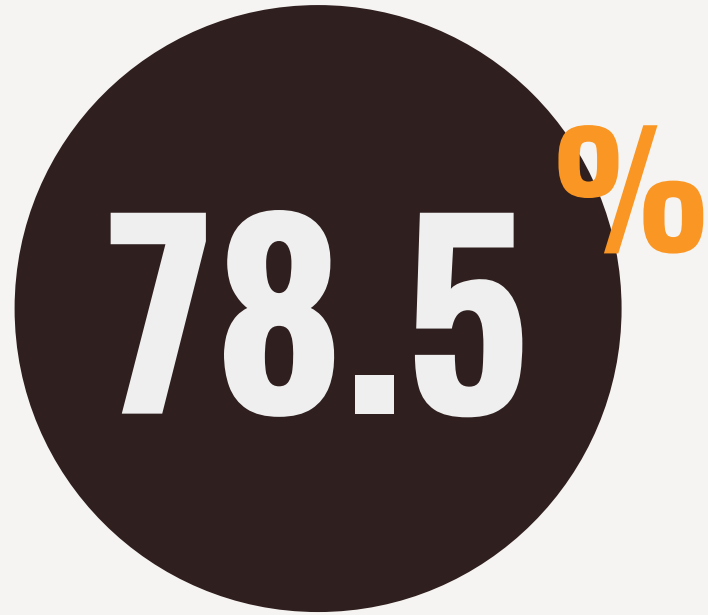
When residents are home, inspectors explain the program and ask permission to evaluate the full property... When present, 98.8% of residents say 'yes' and allow full access to their property.

When residents are not home, inspectors complete the inspection from the roadway, and then leave a door hanger notice with instructions on how to access the partial inspection online.



Helping residents adapt to wildfire.

“The entire defensible space accountability system is impressive. From the inspection to pick up everything went smoothly. Well done!”



...of residents that accessed their inspection report have taken at least 1 action to improve defensible space and harden their home since their evaluation.

Spending time and money for wildfire adaptation.

835,000+

dollars

23,000+

hours

**Hours and financial investment were calculated based on the average cost (time and/or money) to resolve each discovery type as well as self-reported information from green waste participation.*

Impact: Reducing risk for the community.



Before and After:
Combustible stored under
stored under deck cleaned
up to remove ignition
materials & propane tanks.



Before and After:
Vegetation close to
structure and
overhanging roof.



Impact: Reducing Risk For The Community.

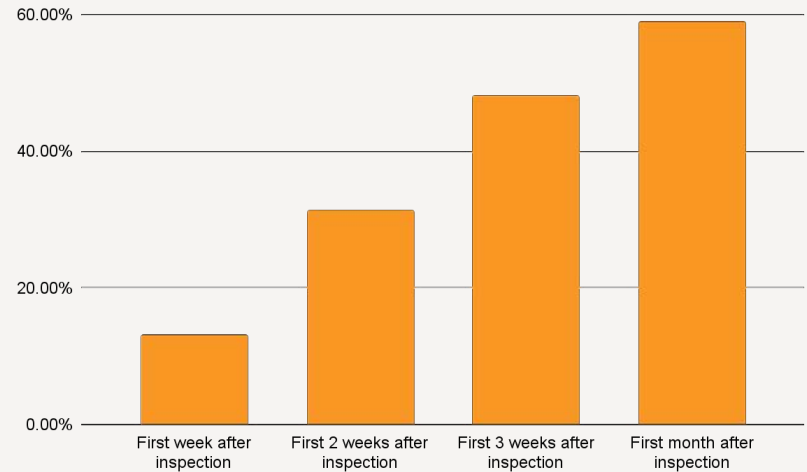
Residents took action quickly when educated on specific issues as illustrated by a property on inspected on July 28th...

...on **August 4th** they reported back:

“Changed all crawlspace vents to fire resistant approved vents”

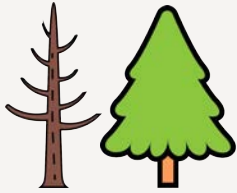
“Trees have been limbed and cut to add spacing”

“Grasses have been removed from property”



2022 Highlights...

Residents reduced risk by taking these top actions to harden their home and create defensible space.



Limbed & cleared enough trees to reach from downtown to Donner Summit



Moved over 1000 pickup trucks worth of lumber and other combustible items and materials away from structures



Cleared enough pine needles from decks, roofs & near structures to cover Donner Lake

And much more big & small actions... from clearing around propane tanks to replacing combustible fences (attached to structures)

Zone 0 Defensible space remains a high priority.



61%

...of homes evaluated had some type of vegetation within 5' of their home

Despite efforts by residents there is still work to do in the area close to structures to reduce community risk.

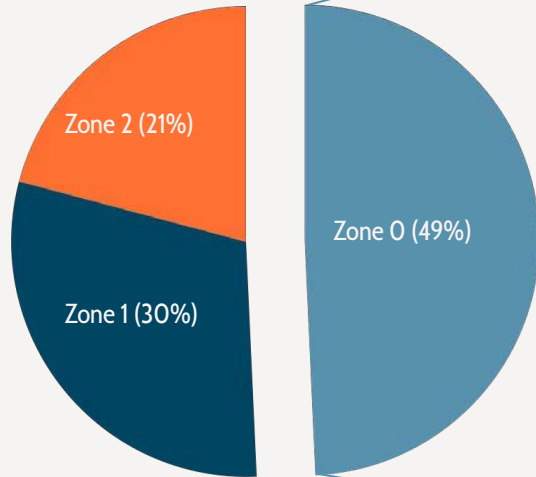
29% of homes had trees over the structure

19% of homes had pine needles & tree litter on roofs and gutters

13% store firewood within 5' of their home.

Educating on priority issues.

However we do observe residents working on Zone 0 issues more than any other zone



2022 Resolved items by zone



Home Hardening Opportunities.

The program's top efforts focus on education to help residents do two things:

1. create defensible space, and
2. **Retrofit their homes to "harden" against embers & radiant heat during wildfires.**



Top Home Hardening vulnerabilities:

38% of homes have screens $>1/8$ "

24% of homes have exposed space under decks

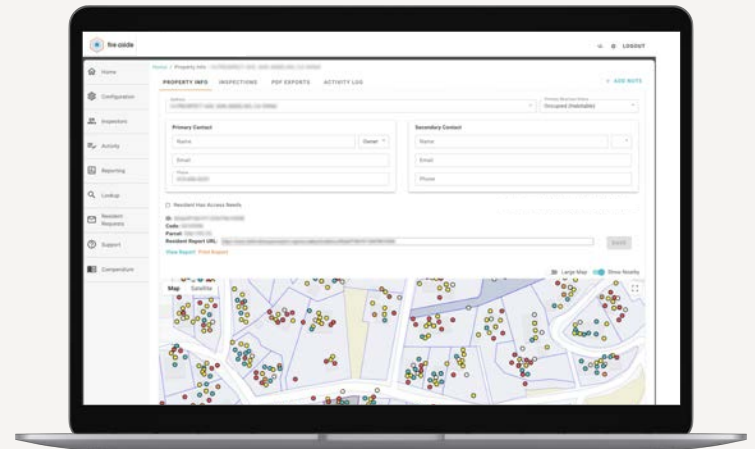
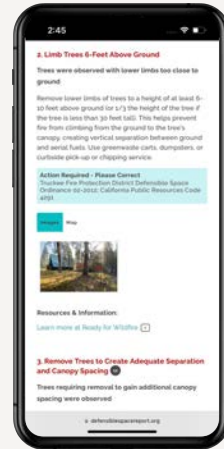
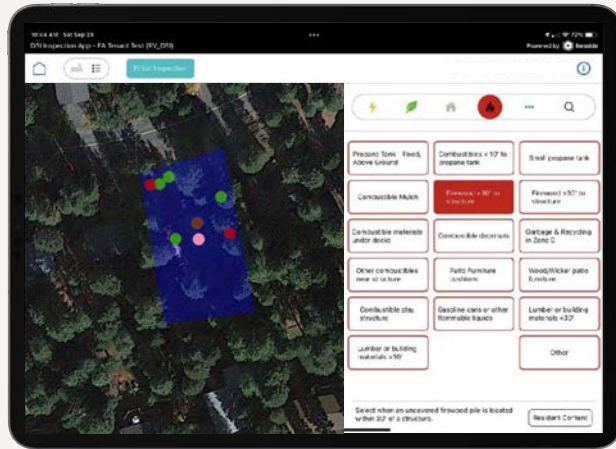


Some opportunities to improve home hardening may come at significant cost. These should usually be addressed during renovations or after other DS & HH items are resolved:

Unenclosed eaves	51.1% of homes
Softwood decks	45.8% of homes

Increasing Program Efficiency.

Defensible Space Inspection software from Fire Aside was acquired in January. The platform provides efficiency in field evaluations, improves resident engagement, and support admin operations & data analytics.



Integrating ChipperDay Resources.

Both the evaluators in the field and the online report reinforce the availability of curbside community chipping funded by Measure T.



FREE Curbside Green Waste Pick-Up & Chipping

Through the Measure T - Wildfire Prevention Fund, Truckee Fire provides **green waste "pick-up/haul-away"** or **"chipping"** services for residents at no additional cost.

[LEARN MORE & SIGN UP](#)

Residents who utilize a Chipper Day after an inspection increase their "pile" size by 10%

Residents who use ChipperDay were 1.7x more likely to have resolved high risk vegetation items on their property than a non-chipper user. They were also 3.0x more likely to have resolved vulnerable items on their home.

Avg. fuel removed via ChipperDay prior to an inspection was 2.45 cubic yards. Following an inspection the average increases to 4.22

Awareness Drives Action.

We saw strong adoption and usage of the customized online report*. The average user spent almost 8 minutes with their detailed report following an evaluation.

2 Defensible Space Issues were observed.

Defensible space issues relate to vegetation, debris, and stored items around a home that contribute to wildfire risk, making your home susceptible to ignition. This section of the report identifies violations and improvements that must be made near the home and surrounding landscape that will strengthen your defensible space. Read carefully - corrective actions are required.

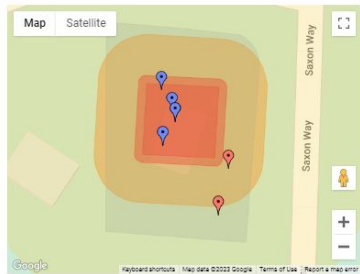
3 Home Hardening Details were observed. Wildfire Risk

There are three ways your home can be exposed to wild flames from a wildfire or burning neighboring home: radiating nearby burning plants or structures, and flying embers.

Multiple factors determine a property's wildfire risk. As a property owner, you can make changes to your landscaping and defensible space, and you can "harden" your home to resist ignition during wildfires. Some factors can't be controlled - if your location and topography are higher risk, you may need to take greater measures to mitigate the hazards you do control.

Inspector's Discovery Locations

These are the approximate locations where inspectors observed issues or documented other information. The following pages will help you understand what must be corrected immediately, and other actions to help you reduce your property's wildfire vulnerability.



Location & Topography  High Risk

Home Hardening  High Risk

Defensible Space  High Risk

Residents educated on issues are...

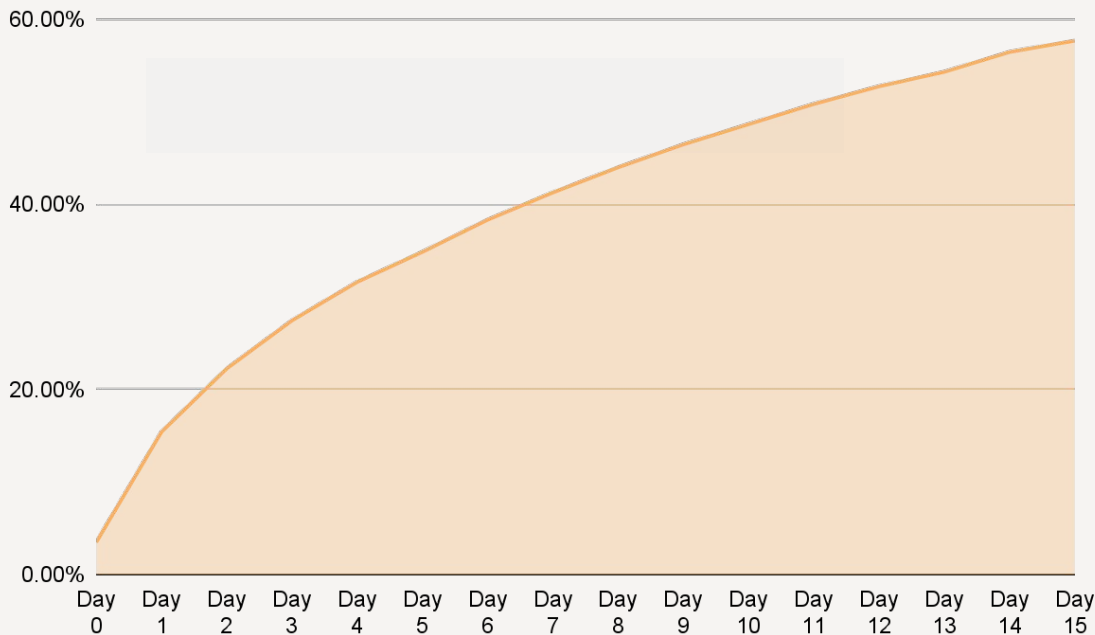
6 times more likely to resolve achievable Home Hardening vulnerabilities**

2 times more likely to resolve Defensible Space “High Severity” Issues

2 times more likely to resolve Defensible Space “Medium Severity” Issues

**Achievable House Hold vulnerabilities focuses on items that don't require a building permit or extensive remodeling. Example is replacing vents, whereas removing all siding is not achievable, except in a major remodel

Online Report Access.



At day 1, 5, & 8 automated reminders are sent via email to anyone who has yet to open their report

Despite the 2nd home nature of many homes in Truckee, we were still able to promote awareness and access to the online report through a combination of door hangers and reminder emails (when we had email on file)

Correction Checklist

Please use this checklist to create an action plan to mitigate your property's wildfire risks and hazards. When you correct an issue, please click "Submit Resolution" to let us know it's complete. If possible, please use pictures and comments when submitting resolution.

The best way to protect your property from wildfire is a coupled-approach that includes Defensible Space & Home Hardening. Please prioritize defensible space first, and then consider the low cost home hardening recommendations.

1 Defensible Space Issues - Action Required - Please Correct

SUBMIT RESOLUTION

- 1. Relocate Firewood More Than 30-Foot From Structures, or Cover With an Ember-Resistant Tarp

1 Home Hardening Recommendations

SUBMIT RESOLUTION

- 1. Consider Removing & Replacing the First 5-Feet of Combustible Fences and Gates Where They Attach to the Structure

Download your report + check list



Download a printable copy of this report in PDF format. Please check things off here in the online section as you complete them.

DOWNLOAD REPORT

PRINT REPORT

PRINT CHECKLIST

An aerial photograph of a mountainous landscape. In the center, a large, dark blue lake is surrounded by dense green forests. A winding road or path curves through the hillsides. In the foreground, there are several smaller ponds and a cleared area with some buildings. The background shows more mountains under a clear sky.

Forest Management & Fuel Reduction Program.

Increasing Capacities

Truckee Fire Hired a California Registered Professional Forester (RPF) in May 2022.

RPFs use their education and experience to maintain the sustainability of forest resources like timber, forage, wildlife, water, and outdoor recreation to meet the needs of the people while protecting the biological integrity and quality of the forest environment.

It is unique for a small, local Fire Protection District to have an RPF on staff. It is an essential position as we work to increase our forest management and fuel reduction efforts across the District and work to secure forest and fire resiliency simultaneously.



Pre-European settlement, our forests looked much different than they do today. Much of the change is attributed to poor management practices during the late 1890s and post World War 2, and 100+ years of effective fire suppression which excluded a natural disturbance (wildfire) that would effectively "clean up" the forest floor regularly. As a result, we have a massive buildup of fuels, and forests that are 5-10x more dense (in terms of trees per acre) than what would be considered "natural" - Dillon Sheedy, Forester

Increasing Pace & Scale

Wrapping up existing grant funded fuel reduction projects

CAL FIRE Wildfire Prevention Grant Accomplishments – 709 acres total

- **Town of Truckee– ROW Roadside** (10' either side of the road)
 - 81 miles/196 acres (Town of Truckee matching contributions)
 - Grant funded 23 miles/61 acres
 - Work Completed in Tahoe Donner, Glenshire, Sierra Meadows, Prosser
- **Alder Hill HOA– Fuel Reduction**
 - 143 acres
- **Pine Forest TDLT– Fuel Reduction**
 - 120 acres
- **Tahoe Donner– Fuel Reduction**
 - 189 acres



Funding Incremental Work

2022 TFPD Wildfire Prevention (Measure T) Projects– Pilot Grant Program

- **Sugar Bowl** - Awarded \$110,400
 - 104 acres overall
 - 32 acres funded by Measure T
 - ½ of the project has been completed.
- **Truckee Donner Land Trust** - Awarded \$45,500
 - Additional 6 acres of Pine Forest Riparian work (additional acres that ties into/expands CAL FIRE grant work)
 - This project has been fully implemented.
- **Tahoe Donner** - Awarded \$230,860
 - 82 acres funded by Measure T (additional acres that ties into/expands CAL FIRE grant work)
 - 30 acres of mastication was completed before snowfall, project will be completed summer 2023, weather permitting.
- **Gray's Crossing** - Awarded 142,870
 - 42 acres funded by Measure T (expands previously completed HWY 89 work and buffer to Prosser Lakeview Community)
 - This project has been fully implemented.

Over \$500,000 of Measure T committed via local block grant pilot program to fund important forest management and fuels reduction projects

Before



During



Before



After



Measure T - Community Wildfire Prevention Block Grants

Coming in 2023!

Truckee Fire used the pilot block grant program to build out a new community block grant program that will be released in Spring 2023.

This new program will allow the community to apply for local block grants, effectively increasing capacity, pace, and scale through an all-hands-on-deck approach to community risk reduction

The community will have to apply to receive funding, and the major project types to be funded include:

- **Forest Fuels Reduction**
 - Catch-all for vegetation management projects that remove hazardous fuels and reduce the risk of wildfire
- **Forest Health & Resiliency**
 - Investing in multi-objective projects that promote forest and wildfire resilience
- **Community Wildfire Preparedness**
 - Community & critical infrastructure defensible space, structure hardening, Firewise efforts, early fire detection, evacuation planning & improvement
- **Wildfire Prevention Education**
 - Outreach, education, public relations..etc

Improving Evacuation Planning

An aerial photograph of a town nestled in a valley. A river flows through the center, crossing a concrete bridge with several cars. The town features a mix of residential houses and commercial buildings, including a large parking lot and a multi-story brick building. In the background, there are dense evergreen forests covering hills and mountains under a blue sky with scattered white clouds.

Fire Evacuation Planning Software

Partnered with the Town and secured contract with Ladriss.

The Town is taking the lead to work with Ladriss to effectively simulate and model evacuation scenarios to understand how long it will take to clear certain areas.

Outputs from this in-depth modeling will be included in the Community Wildfire Prevention Plan to help guide and prioritize evacuation improvement projects like fuel reduction and fuel breaks near primary evacuation routes.

More info:

<https://www.sierrasun.com/news/town-of-truckee-employs-fire-evacuation-planning-software/>





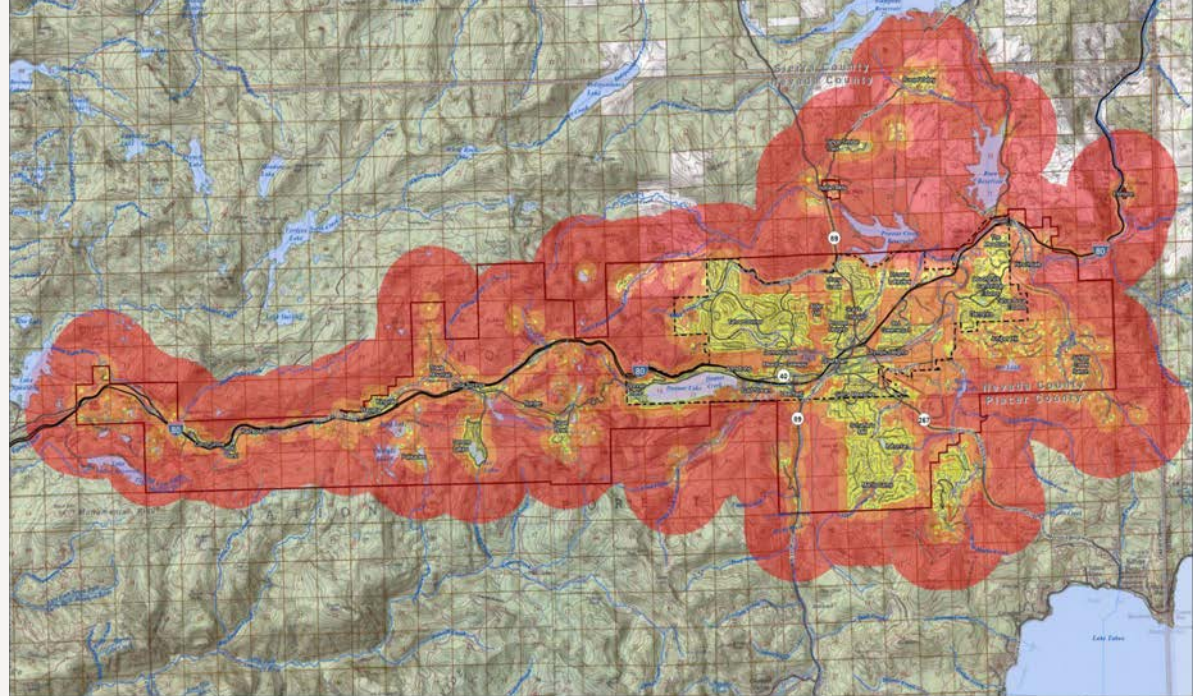
Community Wildfire Protection Plan

Community Wildfire Protection Plan

What is a CWPP?

A CWPP is developed through a collaborative process to identify and prioritize hazardous fuels reduction treatments communities.

A CWPP also recommends measures to reduce structural ignitability and addresses wildfire response, hazard mitigation, community preparedness, and other wildfire issues.

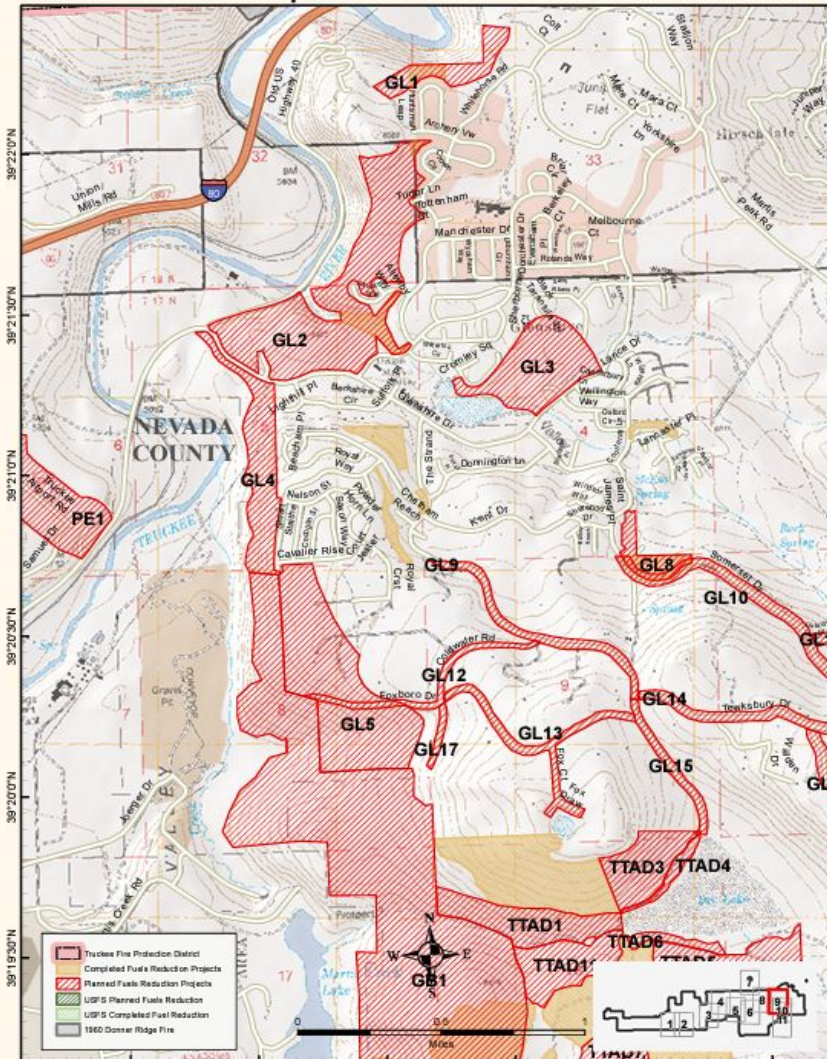


Truckee CWPP History

Truckee Fire facilitated the first Truckee CWPP in 2016. We also performed a mapping update in 2019.

With the passing of Measure T, and considering the age of the plan, it is important to perform a comprehensive update to the CWPP.

This CWPP update will give the District an opportunity to engage with partner agencies & land managers, and most importantly will give the community a voice in the plan as we all work to develop a comprehensive wildfire mitigation roadmap that be used to best prioritize implementation of the Measure T Community Wildfire Prevention Fund.



CWPP Goals and Objectives

Purpose:

serve as a framework, and wildfire mitigation roadmap to identify and prioritize future wildfire protection projects, and foster a community wide collaborative approach to reduce wildfire risk and hazards to life, property, and natural resources.

Goals:

- Enhance Fire & Life Safety
- Mitigate Wildfire Impacts & Create Wildfire Resilient Communities
- Convene Decision Makers & Land Managers
- Engage Community & Stakeholders
- Establish Community Priorities
- Restore & Maintain Fire Resilient Communities & Landscapes



Objectives:

- Provide for public and firefighter safety by improving fire preparedness, prevention and increasing mitigation efforts
- Identify and quantify risk and hazards at a community-scale, and measures to reduce these risks and mitigate hazards
- Collaborate with key agencies, stakeholders, and the public to develop a multi-jurisdictional CWPP that fosters close cooperation and support
- Develop an implementable and prioritized plan for risk-reduction activities and monitoring that promote wildfire resilience in Truckee both short and long term
- Align the Truckee CWPP with existing and future wildfire and fuels planning documents and strategies of partner agencies
- Ensure wildfire mitigation efforts are appropriate for the forested WUI intermix communities of Truckee, and take into account the growth of Truckee communities

Overview of the CWPP Process

Procurement for Special Services:

SWCA Environmental Consultants selected as prime consultant for CWPP update - Entered into agreement on 11/10/22 .

Contract with Vibrant Planet executed on 12/22/2022 to utilize Land Tender software application products.

Risk Assessment

ongoing-Integrative approach with SWCA & Land Tender

Evacuation Modeling

Ongoing - Integrative approach using Ladris

Project Team

Key agency partners meeting monthly to facilitate and guide the CWPP update

Stakeholder Meetings

4 planned with key stakeholders and Land Managers

Community Workshops

4 planned equitably throughout the District (Summer 2023) & 1 virtual

Multiple Drafts & Public Comment

The document will be developed & reviewed by consultants, project team, stakeholders, and the public. We want the community involved in the plan!

Winter 2023 Planned Completion of the CWPP



2023 Goals & Program Expansion

Maintain & Expand New Programs

Maintain Existing Core Programs:

- Defensible Space Inspections & Education
- Curbside Green Waste Pick-Up
- Forest Management & Fuel Reduction Projects
- Community Wildfire Protection Plan

Develop New Programs to Support Community:

- Home Hardening Retrofits
- Dead Tree Removal
- Elderly, Disabled & Low Income Defensible Space
- Measure T - Community Wildfire Prevention Fund Block Grants

Thank you Truckee!



Nevada Fire Safe Council Chipping Crew Member

Wildfire prevention, preparedness, and resilience is a community effort. It takes all of us working together to effectively reduce wildfire risk. Let's all keep creating effective defensible space, hardening our structures to reduce ember ignition, and proactively reducing the amount of combustible vegetative fuels in and around our many communities. Through community engagement we can make a wildfire resilient Truckee!

- Eric Horntvedt, Wildfire Prevention Manager

