

Wildfire Mitigation

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From an earlier message I sent on 8/7/25:

I have found lots of valuable info so let me provide a few things. A good start here:

<https://co-co.org/community-wildfire-mitigation-best-practices-toolbox/>

Homeowner equipment:

<https://code3water.com/>

<https://www.repackify.com/buy-ibc-totes/colorado/denver>

<https://duckduckgo.com/?t=ftsa&q=gas+powered+water+pump+wildfire&ia=web>

<https://www.harborfreight.com/2-in-212cc-gasoline-engine-semi-trash-water-pump-158-gpm-63405.html>

<https://www.harborfreight.com/100-ft-high-volume-watering-kit-with-adjustable-spray-nozzle-57222.html>

I spent less than an hour and found a lot more than this but you get the idea. Each home in the ranches could effectively have their own fire truck for under \$1,000, on site, and with some electronic PLC smarts, an autonomous system could run unattended using an off-grid power source. That, and common sense best practices outlined in the first link could keep a small fire from becoming huge. Of course a lot of homeowner training needs to be included.

It would really be good if SCRO could get a grant to help residents install a dedicated fire suppression system to protect their homes. It would also be a GREAT idea to build a demo unit and post videos of it being built and operated on the soon to be SCRO YouTube channel.

I would be happy to answer questions and also talk about taking a project like this and helping a local group to manufacture these. Maybe Trinchera Ranch would like to help since it's also a good thing for them.

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