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7/30/24

Report of the forest health conditions found within the subdivision of Pine Forest on 7/27 and 7/28/2024.

After looking at the private lots I found the following (see maps for general location).

- Lot #1, a 16” diameter lodgepole pine tree. The tree has been killed by the mountain pine beetle and should be removed. There is also a bent over 5” diameter Jeffrey pine tree. The trees are marked with orange paint. The lodgepole pine is in the back left corner (facing the lot).
- Lot #12, two 14” diameter Jeffrey pine trees. One of the trees is dead killed by the Jeffrey pine beetle and the second is severely bent and both trees should be removed. The trees are marked with white paint and located in the front right of the property (facing the lot).
- Lot #34, a 4” diameter white fir tree. The tree has been bent over by snow and winter storms. The tree is not marked and located in the front left corner of the property (facing the lot).
- Lot #35, a 4” diameter white fir tree. The tree has been killed by the fir engraver beetle and should be removed. The tree is marked with yellow paint and located on the right side of the property (facing the lot).
- Lot #38, several dead white fir trees killed by the fir engraver beetle and should be removed. The trees are not marked as it appears they will start construction soon on the property.
- Lot #40, a 3” diameter and a 22” diameter white fir tree. The trees have been killed by the fir engraver beetle and should be removed. The trees are marked with orange paint and located on the back of the property.
- Lot #47, a 16” diameter white fir tree. The tree has been killed by the fir engraver beetle and should be removed. The tree is marked with orange paint and blue ribbon and located behind the home.
- Lot #48, a 7” diameter white fir tree. The tree has been killed by the fir engraver beetle and should be removed. The tree is marked with yellow paint and located in the back of the property.
- Lot #50, a 20” diameter white fir tree. The tree has been recently under attack by the fir engraver beetle and should be watched. The tree is in the front right corner of the property (facing the lot).

- Lot #53, a 7" diameter white fir tree. The tree is under attack by the fir engraver beetle and should be removed. The tree is marked with yellow paint and located on the right side of the home under construction.
- Lot #55, a 6" diameter white fir marked with yellow paint. The tree was killed by the fir engraver beetle and should be removed. The tree is located near the right property line (facing the property).
- Lot #80, an 18" diameter Jeffrey Pine marked with white paint. The tree was killed by the Jeffrey pine beetle and should be removed. The tree is located along the left property line (facing the property).
- Lot #84, one 48" diameter white fir tree. The tree has a fair amount of decay but in the past has provided bird habitat. With the property corners staked it appears Lot #72 and #84 are preparing to construct homes. If this is the case this tree should be removed during the construction process as it could pose a threat to a new home.
- Lot #90, a 4" diameter white fir tree marked in white paint. The tree is under attack by the fir engraver beetle and should be removed. The tree is located along the right property line (facing the lot).
- Lot #95, a Jeffrey pine tree 28" in diameter infected with western gall rust. The top of the tree is now dead, and the tree is losing vigor. This tree is in a group of 4 trees and should be removed when a home is constructed on this lot. The tree is along the right property line leaning into Lot #95 and is marked with a white dot of paint. A 16" diameter Jeffrey pine tree marked with orange paint. The tree has been killed by the Jeffrey pine beetle and should be removed. The tree is in the back right of the property (facing the lot).
- Lot #98, a 10" diameter Jeffrey pine tree. The tree was bent over during the winter storms and should be removed. The tree is not marked and located along the right property line (facing the lot).
- Lot #100, a top has broken out of a large white fir tree and there are 3 small diameter white fir bent over from winter storms. The three trees and top should be removed, the trees and top are in the right half of the property (facing the lot).
- Lot #102, a 12" diameter broken top Jeffrey pine. There is one live branch left on the tree and it should be removed. The tree is in the middle of the lot and is marked with white paint. There are also two tops broken out of small diameter pines that should be removed.
- Lot #103, one 24' diameter white fir tree. This tree lost a very large branch three winters ago and the structural integrity of the tree is poor. This tree should be removed, is identified with a white dot of paint, and is in the front right of the lot.

As I was checking on the private lots, I also took a quick look at the open space parcels and found the following:

1. Lot "A" – There are six dead trees marked with blue paint, 6", three 16", 18", 22" diameter white fir and an 18" diameter white fir that blew over during a winter storm. The trees are located behind Lots #58 through #60. There is also, a 30" diameter Jeffrey pine the blew over during the winter of 2021/22 with an adjacent standing hazardous 18" diameter Jeffrey pine marked in blue. Also, two dead 18" diameter lodgepole pine trees and a bent over 7" diameter Jeffrey pine all marked

- with blue paint. These trees are located behind lots #65 and #66. Some defensible space work has been completed over the years but there is more to be completed.
2. Lot "B" - No dead trees. The defensible space looks OK; however, the brush is growing back.
 3. Lot "C" - This is a road.
 4. Lot "D" - Several dead, broken and down trees located behind Lots #10 through 16. The defensible space looks OK, the brush needs to be treated in the northern portion of this parcel.
 5. Lot "E" - This common area looks good.
 6. Lot "F" - One dead 16" diameter lodgepole pine located behind lot #25, one dead 10" diameter Jeffrey pine located behind Lot #24, one broken top 10" diameter Jeffrey pine located behind lot #27 and a dead 8" diameter white fir. All four trees are marked with blue paint and should be removed. The defensible space of the parcel looks good, the brush is growing back.
 7. Lot "G" - This parcel belongs to the Truckee Donner Land Trust. The work they completed adjacent to Pine Forest looks great. There are now two freshly dead fir trees located near lot #37 and several under attack behind Lot #54.
 8. I would hold off on any defensible space work as Measure "T" monies are available each spring. Also, Truckee Fire Protection District has plans to address the forest south of Lot "G" either this fall or next spring.

Overall

- The good news is that the spread of all beetle species is down. Only a few trees died last year and there is not much evidence of new attack throughout the property.
- The common area work looks good. When time allows additional work can be completed but the property lines will need to be located.

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