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Report of the forest health conditions found within the subdivision of Pine Forest on 5/9, and 5/10 with a quick review on 6/7/2020.

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

- Lot #23, the property corners have been staked so I am assuming the owner is preparing to build. If this is the case, I would remove the 32" diameter leaning ponderosa pine tree. The tree is leaning into the property. There is no change with the amount of lean over the past three years. Also, a 24" Jeffrey pine with western gall rust. The rust is reducing the vigor of the tree. These two trees should be removed during home construction on the property. The trees are not marked but both are in the rear right corner of the property (facing the lot).
- Lot #25, a 30" diameter Jeffrey pine tree. The top of the tree is continuing to lose vigor and the tree needs to be watched. The tree is not marked and is in the front left corner (facing the lot).
- Lot #43, one dead lodgepole pine tree 18" in diameter marked with yellow paint. The tree was killed by mountain pine beetle and should be removed.
- Lot #45, some white fir logs left on the ground from the 2017 tree removal operation. These logs should be removed before they rot and add to the fire hazard. The logs are located at the back of the lot.
- Lot #47, one dead white fir tree 8" in diameter and marked with yellow paint. The tree was killed by construction disturbance and the fir engraver beetle. This tree should be removed.
- Lot #48, the rounds from the white fir tree removed last year are at the edge of the property near the road and should be removed. Near where the tree was cut last year is a 22" diameter white fir tree. The tree has a rotten area in the trunk of the tree and with the home being constructed next door this tree should be removed.
- Lot #55, one dead white fir tree 8" in diameter marked with white paint. This tree was missed by last year's tree removal operation.
- Lot #72, I am assuming that a home will be constructed soon on the property as the property corners have been staked. There is a 48" diameter white fir tree in the back of the property that has a forked stem. At the junction of the two tops the tree is oozing pitch. The structural integrity of the stem of the tree has been compromised. During the construction process this tree should be removed.

- Lot #83, one almost dead 48” diameter white fir tree. It appears this tree will die this season and the large dead branches are a hazard to the children playing at the base of the tree. I believe this tree should be removed this season.
- 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 is preparing to construct a home. If this is the case this tree should be removed as it could pose a threat to a new home.
- Lot #88, a 22” diameter white fir tree. This tree is located adjacent to a larger Jeffrey pine and is under attack by the fir engraver beetle. It appears the owner is thinking of home construction as the property corners have been staked. If this is the case the weakened white fir tree should be removed during the construction of the home.
- Lot #93, #99 on the map, a large white fir tree under attack by the fir engraver beetle in the back-left corner of the lot. This tree should be watched. One dead Jeffrey pine 18 inches in diameter marked with yellow paint. This tree was killed by the Jeffrey pine beetle a few years ago and should be removed.
- Lot #95, one Jeffrey pine tree 28” in diameter infected with western gall rust. The top of the tree is losing vigor. This tree is in a group of 4 trees and should be watched.
- Lot #98, two dead Jeffrey pine trees one 2” and the other 20” in diameter marked with yellow paint. The trees were killed by the drought and the Jeffrey pine beetle and should be removed. These two trees were missed by last year’s operation.
- Lot #115, one 32” in diameter Jeffrey pine tree and two touching pine trees. A few years back a fourth tree from this group blew over during winter storms. I believe the root structures of the three remaining trees have been compromised. With vacant lots around I do not see any problem, however it appears there is a possibility that the owner of lot #116 is thinking of home construction. If this is the case the three trees should be removed.

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” – No large dead trees. This common area has a need for some defensible space work, including small tree thinning, ground fuel removal and lower limb removal.
2. Lot “B” - No dead trees. There is a medium need for defensible space work including additional small tree thinning, lower limb removal and a medium need of grinding of some brush.
3. Lot “C” - This is a road.
4. Lot “D” – No dead trees. Looking at the defensible space of the common area. North end has a medium need of the grinding of some brush. The south end looks great. Whomever completed the defensible space work did an excellent job.
5. Lot “E” – This common area looks great with the efforts completed last year.
6. Lot “F” – Again, the work completed last year looks great. Possibility of extending the work a little further west.
7. Lot “G” – This parcel belongs to the Truckee Donner Land Trust. There are dead or blown over trees behind lots #46, #47 and #54, along with a few other scattered dead white fir trees throughout. Behind Lot #37 is a 20” diameter Jeffrey pine under

attack by Jeffrey pine beetles and I believe it will die this year. This tree should be removed as it is close the home on the property.

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 sage and bitter brush is continuing to grow with the three wet winters one winter ago. The time is getting near to control the brush on some of the lots.

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