HEMLOCK HEALTH ASSESSMENT

Find one hemlock tree in the rectangle that looks the healthiest and use the following codes for assessment:

HOW HEALTHY ARE THE BRANCH ENDS?

Healthy (H) = branch end needles are vibrant green: minor to no HWA on rest of branch; <25% of branch ends have HWA
Moderate (M) = HWA scattered throughout branch; needles not fully robust, 25-50% of branch ends have HWA
Unhealthy (U) = sickly needles; rest of branch heavily infested, >50% of branch ends have HWA
Not sure (N) - e.g. Can't see branches, etc.

WHAT % OF CANOPY IS HEALTHY?

Healthy (H) = >75% healthy; most skylight blocked by deep green foliage; most branches alive with lots of needles
Moderate (M) = 40-75% healthy; some skylight visible, foliage beginning to thin; some sickly looking lower branches, lighter green needles
Unhealthy (U) = <40% healthy: lots of skylight coming through due to dying branches, needles are pale and grayish, foliage thin
Not sure (N) = e.g. can't see branches, etc.