

Checklist – Hemlock Treatment Project

This document lists the equipment and supplies needed for hemlock treatment projects on non-government, USFS, and DNR land. The materials are to be provided by the project sponsors/leaders.

Volunteers are responsible for their own personal protective equipment, including long pants, long sleeved shirt, sturdy footwear with socks, and jacket or raingear as needed. Project sponsors/leaders are responsible for verifying PPE.

<p>General: Permission from property owner/manager Map, directions, gate code (if any) Cell phone, volunteer list & phone #s Volunteer sign-in/ liability waiver forms on clipboard with pen, special form for minors Name tags & permanent markers Tarp/plastic sheeting for mixing site Bow saw, limb pruner, folding saw Bathroom tissue & folding trowel Injector spare parts & tools Large light-colored towel Snacks & bottled water for volunteers Insect repellent, sun screen SGH directional signs SGH at Work signs Mallet & spike for signs First aid kit & manual, rescue rope Emergency phone #s & locations Camera (optional)</p>	<p>1 work bag per team: Work apron w/pockets Laminated mixing/dosing card Laminated infestation photos card Diameter tape & calculator Notepad, extra pen, 2 permanent markers Clipboard w/ pen, hemlock treatment log sheets, site map Nitrile gloves - 3 pr per person Special Safari measuring cup Small measuring cup for calibration testing Funnel & 4 paint filters Small hammer & nail puller in baggie Scissors, spike, flagging tape Spray paint for marking treated trees Dust masks or respirator if spraying 1 cloth bag to carry extra chemical Baggie for used funnel, filters, gloves Trash bag Hand sanitizer & 3 towels Injector strap & carabiner clip</p>
<p>Other equipment & supplies per team: Soil injector, rebar, or sprayer Chemicals with labeling Gallons of warm water for mixing 1 clean & 2 chemical mixing jugs Small rake (optional) Rack cards for passers-by</p>	<p>Items provided by USFS for their projects: Soil injectors or sprayers, chemicals Tree data sheets & site maps Prenumbered metal tags & aluminum nails Caution signs & push pins Hard hats Hazard Analysis form on clipboard Emergency spill kit & instructions Walkie-talkies & extra batteries</p> <p>Items provided by DNR for their projects: Soil injectors or sprayers, chemicals Tree data sheets & site maps Prenumbered metal tags & aluminum nails Caution signs & push pins GPS units (optional)</p>

Since the USFS and DNR provide the chemicals, nails and tags for their projects, the **budget** for those projects is generally \$30 or less for consumable items such as snacks & bottled water, nitrile gloves, masks, paint filters, etc. For non-government treatment project, the cost of the chemicals is borne by the property owner/manager except for SGH charitable projects. (See Chemical Calculator.)

