

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 Safety vests for team leaders 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 SGH directional signs & SGH at Work signs Mallet & spike for signs First aid kit & manual, sun screen Emergency phone #s & locations Emergency spill kit & instructions Camera (optional)</p>	<p>1 work bag per team w/large safety pin attached: Work apron w/pockets: Laminated mixing/dosing card & infestation photos card Diameter tape & calculator Notepad, extra pen, 2 permanent markers Roll of flagging tape Insect repellent & hand sanitizer Clipboard w/ pen, hemlock treatment log sheets, site map Heavy duty work gloves – 1 pair Nitrile gloves - 3 pr per person Funnel & 4 paint filters Baggie for used funnel, filters & gloves Special Safari measuring cup Small measuring cup & bottle cap for calibration testing Scissors, spike, small hammer & nail puller in baggie Spray paint for marking treated trees Dust masks or respirator if spraying Cloth bag to carry extra chemical & 1 trash bag 3 towels for clean-up Injector strap & carabiner clip</p>
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<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>Other materials that may be needed: Waders or tall waterproof boots 100' rope for stream crossing or rescue Extra empty jugs for leftover mixed chemical Walkie-talkies & extra batteries (ours or USFS)</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 GPS units (optional)</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</p>
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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.)

