

Project: Cloquallum Knotweed Control

Synopsis:

- **Sponsor:** Grays Harbor Conservation District (Grays Harbor Noxious Weed Control Board supporting)
- **Location:** Grays Harbor County, Black Hills Ecoregion. Cloquallum GSU (**Near-Term Priority Area**)
- **Landowner:** Rural Residential; some managed timber
- **ASRP Priority Limitations for this location:** Temperature, Key habitat, Barriers
- **ASRP Priority Actions for this location:** Large wood installation (High), Riparian restoration (High), Remove Fish Barriers (High), Restore floodplain (medium), Beaver Dam Analogues (medium)
- **Cost:** \$675,276
- **Narrative:**
 - Grays Harbor Conservation District is seeking funding to eradicate non-native knotweed, an invasive riparian plant species, from the Cloquallum sub-basin. Invasive knotweed disrupts riparian processes by preventing the establishment of the native riparian plant species which historically would have provided large wood inputs, shaded the water, reduced erosion, and provided key habitat. Knotweed removal is commonly a necessary precursor to other restoration actions such as riparian plantings and large wood installation. Additionally, as knotweed can be spread through aquatic systems by flowing water, a top-down basin-wide approach such as this is necessary to produce significant results.
 - This project will identify knotweed locations through surveys and outreach events. Identified knotweed locations will be documented in a database in order to track eradication progress. Identified locations will be controlled through repeated spraying, followed by re-planting with native riparian species after eradication. The Conservation District will coordinate with the Grays Harbor Noxious Weed Board and the Chehalis Basin Cooperative Weed Management Area workgroup. The current extent of knotweed in Cloquallum has already been determined through recent surveys, which informed the scope and budget of this project.

Outcomes (Funded by this project):

- 63 acres of invasive treatment + floodplain restoration
- 50 acres of planting

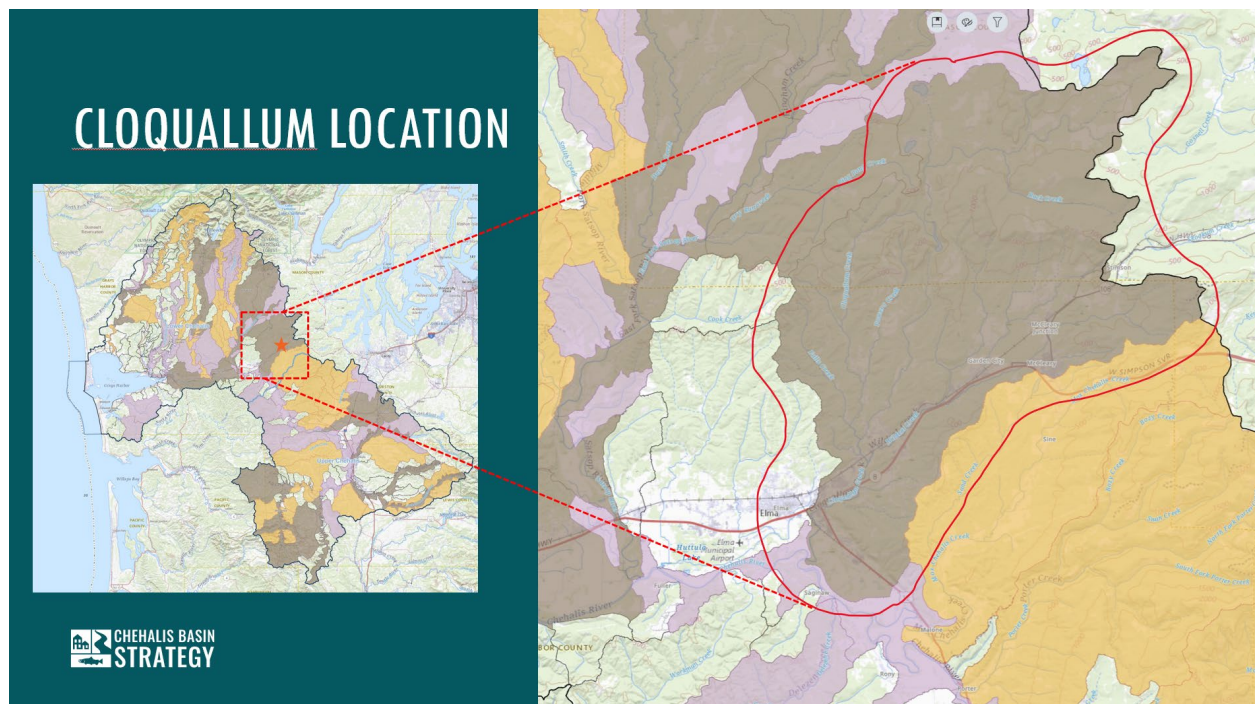
- About 250 to 300 landowners engaged

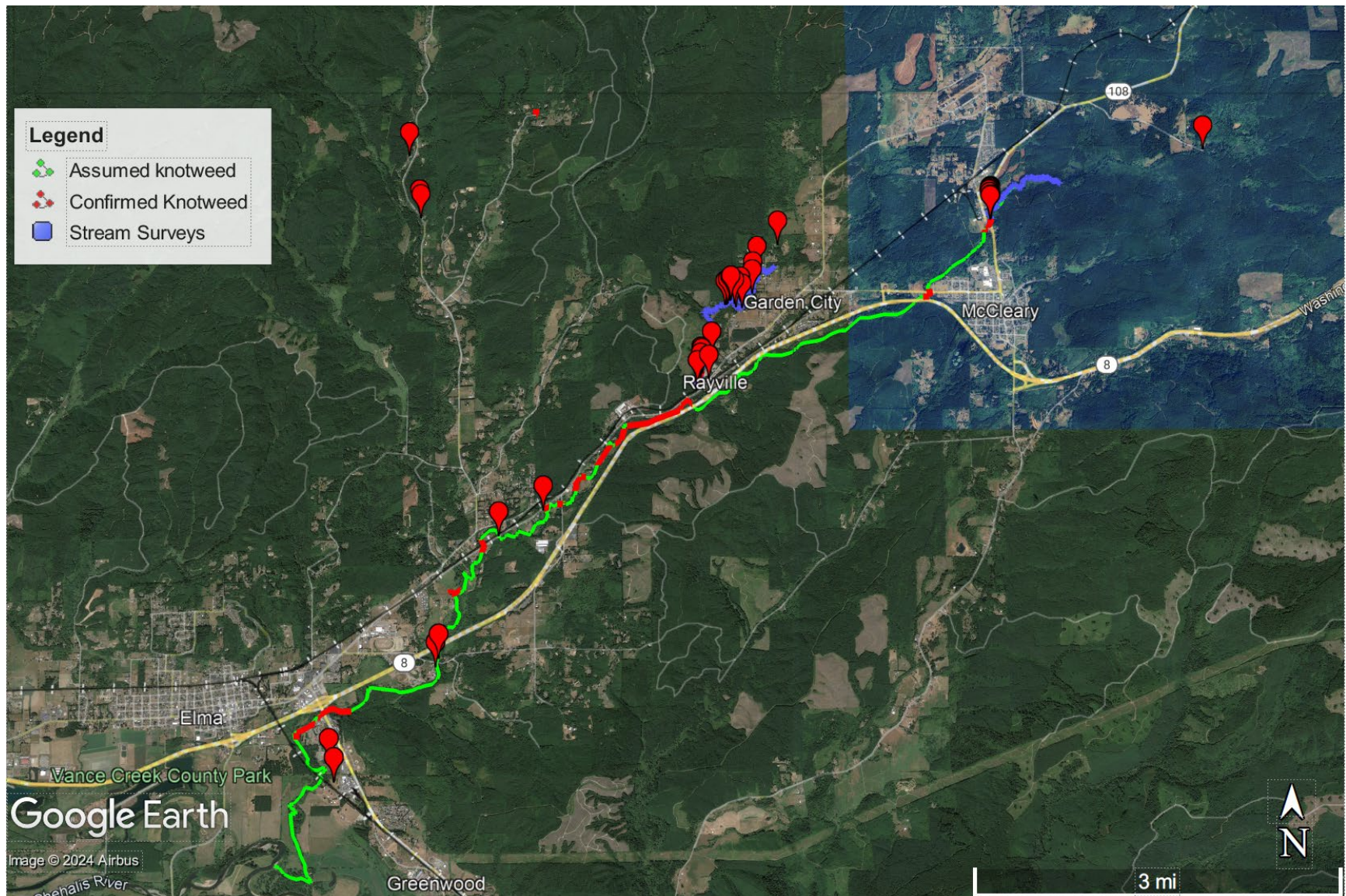
Previous and Related Funding:

- GHCD has received ASRP funding to develop habitat restoration projects in the Cloquallum region. They have used this funding to lead a watershed planning committee, which will produce a Prioritization Strategy for the Cloquallum sub-basin.
 - PRISM #: 22-2314. \$40,000 grant.

Milestones + Timeframe:

- Winter/spring 2024: Surveys, mapping, outreach
- Summers 2024-2028: Knotweed treatments and re-treatments
- Falls+winters 2024-2028: update knotweed maps, native plantings (starting 2027)





Results of recent knotweed surveys in the Cloquallum sub-basin.