

## **Insect and Disease Surveys**

### **Appendix C: Statement of Work**

**\*\*\*New Project\*\*\***

#### **I. Objectives:**

This project's main objective is to restore Chequamegon-Nicolet National Forest (CNNF) lands that have been impacted by insect and diseases (e.g. spruce budworm or oak wilt). In almost all cases, this is accomplished through early detection and swift management. Forest health assessment surveys assist with early detection and identify the extent of a particular outbreak if one were to occur. These surveys are critical to the detection of new insects or diseases within the boundaries of the CNNF (e.g. emerald ash borer or heterobasidion root disease), not previously known to be present. These surveys are primarily focused on the common, already established forest health issues on the forest, but not limited to just these issues.

There are needs for insect and disease surveys, specialized surveys, and surveys when FS State and Private are unable to complete workloads. These surveys would occur on an annual basis and when needs arise based on insect and disease outbreaks.

#### **General Proposal:**

- Conduct surveys across the CNNF to find insect and disease issues (or outbreaks) on a yearly basis, if needed.
- The state will determine the best method for performing these surveys.

#### **II. Tasks and Timeline:**

##### **Deliverables:**

- The State will supply location data for areas within the CNNF that have been negatively impacted by insects or diseases.
  - a. If possible, a Forest Service observer will aid the State in identifying hot spots or focused areas, where there are more potential for forest health concerns. If not possible, mutually agreed upon parameters will be established before survey is conducted.

<b>Time</b>	<b>Description</b>	<b>Cost Estimate</b>
~ June 2021	Start surveys on assigned 'hotspot' areas.	\$10,000 (whole Forest)
~ Sept. 2021	Complete surveys. Most insect and disease issues usually become more difficult to identify after this month.	-

**III. Point of Contacts:**

- Forest Service: Matt Bushman, Forest Silviculturist, 715-362-1300 x1319, [matthew.bushman@usda.gov](mailto:matthew.bushman@usda.gov)
- WI DNR: John Jorgenson (Aeronautics Team Leader), 608-219-3194, [JohnA.Jorgensen@wisconsin.gov](mailto:JohnA.Jorgensen@wisconsin.gov)

**IV. Maps/Diagrams/Shapefiles:**

- Additional information provided upon request