

**Hazardous Fuels Reduction Project**

**Appendix C: Statement of Work**

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

Across the Chequamegon-Nicolet National Forest (CNNF) fuel or woody biomass levels have exceeded desired levels. Annually, the CNNF has hundreds of acres where fuels reduction is needed, and the Good Neighbor Authority will be able to help accomplish this. These actions will move the CNNF toward desired conditions described in the Land and Resource Management Plan (i.e., Forest Plan).

**I. Objectives:**

The CNNF’s overall objective is to treat, manipulate, or remove hazardous fuels, including but not limited to wind thrown trees, standing green trees, dead and down trees, dead standing trees, root sprung trees, broken trees, damaged trees, understory vegetation, saplings, regeneration, brush, and logging slash. Vegetation determined to be hazardous fuels by Forest Service employees need to be manipulated in a way to pose less of a threat to local communities, infrastructure, and forest resources in the event of a wildfire. This will be accomplished by whole tree removal, processing, chipping, masticating, off site removal, piling, roller chopping, incinerating etc.

**II. Tasks and Timeline:**

The tasks and general timeline for this project are as follows:

Time	Description	Cost Estimates
Beginning Summer 2021; estimate 18 months completion	Forest Service will supply stands/acres to perform designated fuel reduction activities, obtaining desired fuel heights and loads on given acres in Lakewood – Laona for <b>200-400 acres</b> . Acres completed will depend on stand sizes and ease of access.	\$200,000*
	Work can be accomplished anytime the snow depth is less than 4 inches. If resource damage is not occurring, the work can be completed or accomplished.	N/A
Additional detail concerning possible tasks and specifications can be found below.		

\*Costs for this project range widely and will be calibrated as we accomplish this work. The Forest Service and the State will be in close communication during the project implementation and the project will stay within Grants and Agreement 10% cost estimation guidelines.

**ADDITIONAL DETAIL**

**General Specifications**

Different locations will require different treatments to achieve objectives set by Forest Service employees. Equipment likely to be used includes but is not limited to processors, forwarders, self-loading log trucks, skid steers, masticating heads, excavators, roller choppers, air curtain incinerators, chippers, etc. Operators are expected to have all necessary equipment to

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successfully accomplish tasks outlined here and any mutually agreed to before implementation begins.

- Removal of all downed timber greater than specified diameter within a specified area
- Removal of all standing timber greater than specified diameter with a lean of 10% or more
- Removal of all broken and root sprung timber
- Processing of merchantable timber 5" DBH or greater to 100" lengths
- Decking of processed merchantable timber near roadside
- Decking timber separately based on hardwood, conifer, and aspen
- Offsite removal of all materials to a site chosen by contractor
- Chipping, mulching, masticating and or incinerating of all woody material
- Removing, masticating, chipping, mulching, or incinerating of all non-merchantable size timber of a specified diameter
- Masticating, mulching, or chipping of logging slash and woody regeneration
- Once work has begun in a unit awarded by task order, work must be completed before moving to new location awarded by separate task order
- Prior to taking any equipment off a gravel-surfaced road into the woods, trails and openings, the Forest Service or State must inspect all equipment to be visually free of dirt, seeds, or plant parts that may contain invasive species. Expectation is for equipment to have been cleaned with stiff broom or thoroughly washed prior to arrival at work site. If moving between work sites, the operator will not be expected to clean their equipment. If equipment leaves the Chequamegon-Nicolet National Forest and works elsewhere, we expect the equipment to be cleaned and we will inspect it before allowing work to resume at these project sites.
- If fire danger is High or above, Forest Service or State may temporarily suspend operations until fire danger declines.
- If rutting is occurring, Forest Service or State may temporarily suspend mechanical operations until ground conditions improve.
- If snow depth is determined to be too great by Forest Service or State representatives to successfully achieve desired results operations may be suspended at discretion of Forest Service or State.
- Work can be completed any time conditions allow for the operator to achieve desired objectives with the approval of a Forest Service or State Representative.
- If Federally threatened or endangered plants, dens, or nests of these species are found and occupied, work will cease immediately, and the Forest Service or the State biologist will be contacted to determine next steps.
- If any heritage resources are discovered or believed to be discovered, work will cease immediately, and the Forest Service archaeologist or State's equivalent will be contacted to determine next steps.

### **Workload Activities**

The CNNF will not prescribe what specific equipment be used. The State will have the discretion about what specific piece equipment is used if the desired outcome is achieved. However, possible activities may include:

- *Brush Mastication*: Cut all brush within the project area to the specifications negotiated at time of task order award.
- *Slash Mastication*: Masticate all Slash within the project area to the specifications negotiated at time of task order award.
- *Mastication by Task Order*: Includes specialized work not described in the above. Specifications will be provided for each task order.
- *Removal of Dead and Down Timber*: Removal of all dead and down woody material within the project area to specifications negotiated at time of task order.
- *Removal of Standing, Broken and Root Sprung Timber*: Removal of standing, broken and root sprung timber within the project area to specifications negotiated at time of task order.
- *Chipping or Mulching of Top Wood, Tip Wood, Branches, Slash and Woody Material Greater than a Specified Diameter*: Chipping, mulching or masticating of all woody material within the project area to specifications negotiated at time of task order.
- *Processing and Decking of Merchantable Timber*: Merchantable timber 5” DBH or greater to be processed, cut to 100” or other specified length and decked near roadside or other specified area separated by hardwood, conifer, and aspen species.
- *Off-site Removal of Non-Standing Woody Material Greater than a Specified Diameter*: Removal of all woody material to specifications negotiated at time of task order to a site of the contractors choosing off National Forest lands not provided by Forest Service personnel.
- *Incineration of Woody Material*: Incineration of woody materials of a specified diameter negotiated at time of task order within a fully enclosed self-contained incinerator.
- *Processing of Standing and Down Timber by Task Order*: Includes specialized work not described in the above. Specifications will be provided for each task order.

### **III. Point of Contacts:**

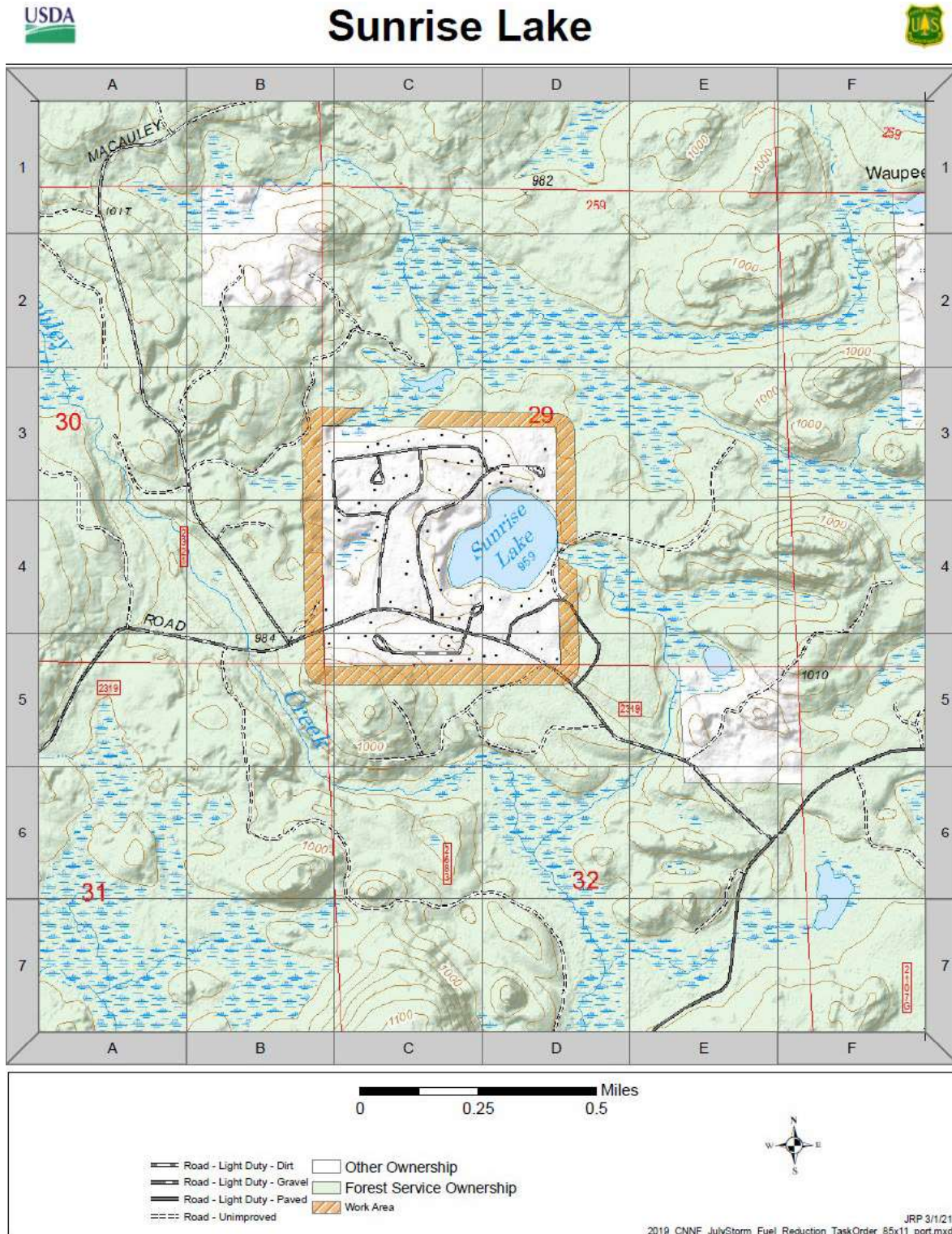
- Forest Service:
  - Scott Linn, 715-362-1300, [scott.linn@usda.gov](mailto:scott.linn@usda.gov)
  - Patrick Krage, 715-891-2358, [Patrick.krage@usda.gov](mailto:Patrick.krage@usda.gov)
- Wisconsin DNR:
  - Jeff Olsen, 715-331-9017, [Jeffrey.Olsen@wisconsin.gov](mailto:Jeffrey.Olsen@wisconsin.gov)
  - Richard Lietz, 715-850-2770, [Richard.lietz@wisconsin.gov](mailto:Richard.lietz@wisconsin.gov)

**IV. Maps/Diagrams:**

Unit boundaries will be designated on maps, aerial photos and/or in GPS shape files. On the ground boundary designation may be by obvious roads, timber lines, vegetation type changes and/or other features. Perimeters of the work areas may be identified on aerial photos, as well as referenced maps, included with Task Orders. It is the expectation of the Forest Service, State or the entities acting on behalf of the State or the State themselves will have the ability to use geo-referenced maps to stay within unit boundaries using Avenza or a similar type program. It is the implementor's responsibility to stay within unit boundaries. Where possible, the gross size of work units in each item has been determined via (GPS) Global Positioning Systems and/or Geographic Information Systems (GIS). Accessible reference points along the perimeter of work areas may be identified with boundary flagging, i.e., corners. The entire perimeters of inaccessible work areas may not be flagged. Where aerial photos or maps and the on-ground designation conflict, the on-ground designation shall govern unless otherwise directed by the Forest Service or State Representative.

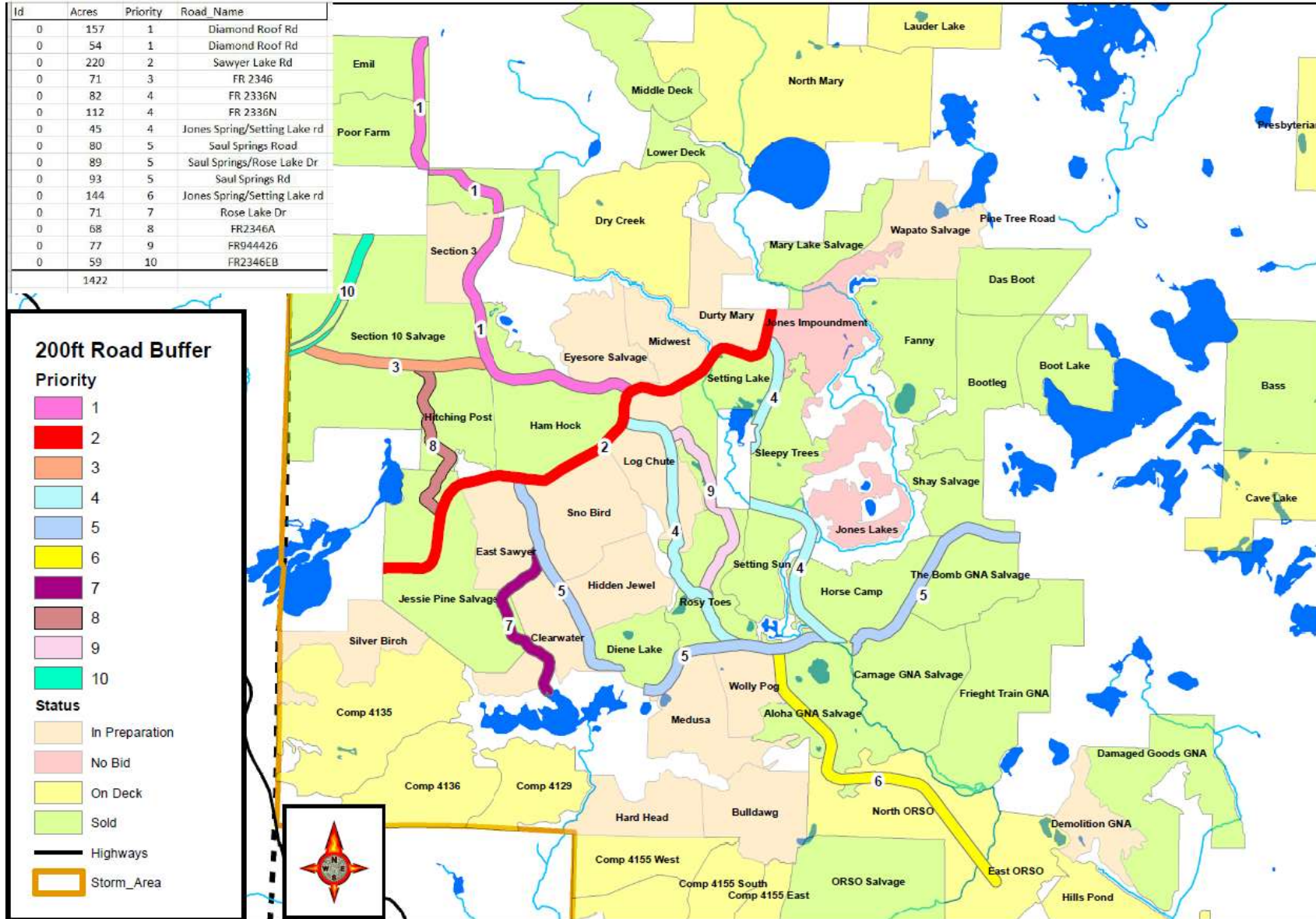
**Figure 1: First priority work to get completed in Summer of 2021, Sunrise Lake Fuels Reduction**

Project parameters unique to this area include, the State needs to create 200 feet no activity buffer extending from the private land line. Some of the area has been salvaged most has not been. This project area is 50 acres.



Estimated Start: June 2021  
 Estimated Completion: Dec. 2022

Figure 2: Second priority work to get completed after Sunrise Lake



Estimated Start: June 2021  
 Estimated Completion: Dec. 2022