

**Primary Owner**

SURING SCHOOL DISTRICT  
411 ALGOMA ST  
SURING, WI 54174-9565

**1st Year:** 2023 **Length:** 30 yrs. **Last Year:** 12/31/2052

**Stewardship #:** 43-S06-2023 -- Oconto Co. -- Bagley (T)

**Other Owners**

| A. Stand Number |                          | P 1                       |      |     |          | P 2   |     |            |      | 3  |     |     |    |
|-----------------|--------------------------|---------------------------|------|-----|----------|---|-----|------------|------|--|-----|-----|----|
| 1               | Productivity             |                           |      |     |          |   |     |            |      |  |     |     |    |
| 2               | Stand Prefix             | P=Plantation              |      |     |          | P=Plantation  |     |            |      |  |     |     |    |
| 3               | Exam Date                | 04/29/2023                |      |     |          | 04/29/2023  |     |            |      | 04/29/2023   |     |     |    |
| 4               | Age Structure            | Even-Aged                 |      |     |          | Even-Aged   |     |            |      | Two-Aged   |     |     |    |
| 5               | Timber Type - Primary    | Red Pine                  | 15+  | 2   | Red Pine | 9-15  | 4   | White Pine | 9-15 | 2  |     |     |    |
|                 | Timber Type - Secondary  | Red Pine                  | 9-15 | 2   |          |   |     | White Pine | 15+  | 1  |     |     |    |
|                 | Timber Type - Understory |                           |      |     |          |   |     | White Pine | 0-5  | 1  |     |     |    |
| 6               | Habitat Type             |                           |      |     |          |   |     |            |      |  |     |     |    |
| 7               | Acres                    | 16                        |      |     |          | 3   |     |            |      | 20   |     |     |    |
| 8               | Year of Origin           | 1946                      |      |     |          | 1953  |     |            |      | 1954   |     |     |    |
| 9               | Total Height             | 90                        |      |     |          | 68  |     |            |      | 73   |     |     |    |
| 10              | Mean Stand Diameter      | 13                        |      |     |          | 12  |     |            |      | 10   |     |     |    |
| 11              | Site Index & Species     | 67 - Pine, Red            |      |     |          | 65 - Pine, Red  |     |            |      | 60 - Pine, White   |     |     |    |
| 12              | Total Basal Area         | 101                       |      |     |          | 123   |     |            |      | 110  |     |     |    |
| 13              | Total Volume-Cds/Acre    | 36                        |      |     |          | 44  |     |            |      | 35   |     |     |    |
|                 | Total Volume-BF/Acre     | 1                         |      |     |          | 1   |     |            |      | 1  |     |     |    |
| 14              | Tree Species             | Species                   | BA   | Cds | BF       | Species   | BA  | Cds        | BF   | Species  | BA  | Cds | BF |
|                 | 1st Major Tree Species   | Pine, Red                 | 82   | 31  | 0        | Pine, Red   | 123 | 44         | 0    | Pine, White  | 104 | 33  | 0  |
|                 | 2nd Major Tree Species   | Pine, White               | 11   | 4   | 0        |   |     |            |      | Oak, Northern Pin  | 4   | 1   | 0  |
|                 | 3rd Major Tree Species   | Oak, Red                  | 4    | 1   | 0        |   |     |            |      | Cherry, Black  | 2   | 1   | 0  |
|                 | 4th Major Tree Species   | Spruce, White             | 2    | 0   | 0        |   |     |            |      |  |     |     |    |
| 15              | Invasive Level           | Not Present               |      |     |          | Not Present   |     |            |      | Not Present  |     |     |    |
|                 | 1st Inv Species/Density  |                           |      |     |          |   |     |            |      |  |     |     |    |
|                 | 2nd Inv Species/Density  |                           |      |     |          |   |     |            |      |  |     |     |    |
|                 | 3rd Inv Species/Density  |                           |      |     |          |   |     |            |      |  |     |     |    |
|                 | 4th Inv Species/Density  |                           |      |     |          |   |     |            |      |  |     |     |    |
| 16              | Soil Type                | Sand                      |      |     |          | Sand  |     |            |      | Sand   |     |     |    |
| 17              | Management Objective     | Natural Conversion to OAK |      |     |          | Artificial Regeneration: Type must be regenerated by seeding, planting, site preparation, |     |            |      | Natural even-aged regeneration of Timber Type with future thinning |     |     |    |
| 18              | Last Changed             | 6/3/2023 1:50:21 PM       |      |     |          | 6/3/2023 1:50:54 PM   |     |            |      | 6/3/2023 1:51:39 PM  |     |     |    |

| B. Non-Mandatory Practice | Practice                 | Yr   | Practice | Yr   | Practice | Yr   |
|---------------------------|--------------------------|------|----------|------|----------|------|
|                           | Clearcut (regen by seed) | 2035 | Thinning | 2035 | Thinning | 2035 |
|                           |                          |      | Thinning | 2050 | Thinning | 2035 |

| Stand Conditions, Special Features or Characteristics | Stand Number: P 1   | Stand Number: P 2  | Stand Number: 3   |
|---|---|--|---|
|   | <p>Large diameter red pine plantation thinned previously in 1962, 1975, 1992, 2003, 2016. Management objective is to maximize value from the current stand and either convert to other species through natural regeneration to oak, red maple, &amp; white pine or plant back to red pine. There is currently a moderate understory of red maple, red oak, &amp; white pine. Recommend either thinning this stand in 2035 to 130 sqft basal area or clearcutting this stand as the next harvest depending upon the school districts goals. Red pine become less marketable as they approach 18 -20" diameter. Biological maturity for this stand won't be reached until 2070 but economic maturity is much earlier.</p> | <p>This is a good quality small sawtimber sized red pine plantation. Stand was previously thinned in 1976, 1992, 2003, &amp; 2016. White pine regeneration is present in the understory.</p> | <p>Natural stand of white pine containing some very large, scattered white pine along with a larger component of small sawtimber sized and pole sized white pine. Red pine, jack pine, &amp; aspen are also present. Some white pine, northern pin oak, bur oak, &amp; beech in the understory. Low quality white pine timber. No past thinnings have occurred yet.</p> |

**Primary Owner**

SURING SCHOOL DISTRICT  
411 ALGOMA ST  
SURING, WI 54174-9565

**1st Year:** 2023 **Length:** 30 yrs. **Last Year:** 12/31/2052

**Stewardship #:** 43-S06-2023 -- Oconto Co. -- Bagley (T)

**Other Owners**

| A. Stand Number |                          | I 4  |     |     |          | P 5  |     |     |            | 6  |    |     |    |
|-----------------|--------------------------|--|-----|-----|----------|--|-----|-----|------------|--|----|-----|----|
| 1               | Productivity             |  |     |     |          |  |     |     |            |  |    |     |    |
| 2               | Stand Prefix             | I=Growth - Managed   |     |     |          | P=Plantation   |     |     |            |  |    |     |    |
| 3               | Exam Date                | 04/29/2023   |     |     |          | 04/29/2023   |     |     |            | 04/29/2023   |    |     |    |
| 4               | Age Structure            | Even-Aged  |     |     |          | Even-Aged  |     |     |            | Two-Aged   |    |     |    |
| 5               | Timber Type - Primary    | White Pine   | 15+ | 4   | Red Pine | 9-15   | 3   |     | White Pine | 15+  | 1  |     |    |
|                 | Timber Type - Secondary  |  |     |     | Red Pine | 15+  | 1   |     | White Pine | 9-15   | 1  |     |    |
|                 | Timber Type - Understory |  |     |     |          |  |     |     | Aspen      | 0-5  | 1  |     |    |
| 6               | Habitat Type             |  |     |     |          |  |     |     |            |  |    |     |    |
| 7               | Acres                    | 7  |     |     |          | 34   |     |     |            | 29   |    |     |    |
| 8               | Year of Origin           | 1880   |     |     |          | 1955   |     |     |            | 1946   |    |     |    |
| 9               | Total Height             | 94   |     |     |          | 64   |     |     |            | 80   |    |     |    |
| 10              | Mean Stand Diameter      | 22   |     |     |          | 13   |     |     |            | 12   |    |     |    |
| 11              | Site Index & Species     | 62 - Pine, White   |     |     |          | 58 - Pine, Red   |     |     |            | 56 - Pine, White   |    |     |    |
| 12              | Total Basal Area         | 167  |     |     |          | 105  |     |     |            | 65   |    |     |    |
| 13              | Total Volume-Cds/Acre    | 73   |     |     |          | 38   |     |     |            | 22   |    |     |    |
|                 | Total Volume-BF/Acre     | 1  |     |     |          | 1  |     |     |            | 190  |    |     |    |
| 14              | Tree Species             | Species  | BA  | Cds | BF       | Species  | BA  | Cds | BF         | Species  | BA | Cds | BF |
|                 | 1st Major Tree Species   | Pine, White  | 137 | 63  | 0        | Pine, Red  | 105 | 38  | 0          | Pine, White  | 62 | 21  | 0  |
|                 | 2nd Major Tree Species   | Pine, Red  | 13  | 5   | 0        |  |     |     |            | Maple, Red   | 1  | 1   | 0  |
|                 | 3rd Major Tree Species   | Maple, Red   | 10  | 2   | 0        |  |     |     |            | Oak, Red   | 1  | 0   | 0  |
|                 | 4th Major Tree Species   | Oak, Northern Pin  | 7   | 2   | 0        |  |     |     |            | Aspen  | 0  | 0   | 0  |
| 15              | Invasive Level           | Not Present  |     |     |          | Not Present  |     |     |            | Not Present  |    |     |    |
|                 | 1st Inv Species/Density  |  |     |     |          |  |     |     |            |  |    |     |    |
|                 | 2nd Inv Species/Density  |  |     |     |          |  |     |     |            |  |    |     |    |
|                 | 3rd Inv Species/Density  |  |     |     |          |  |     |     |            |  |    |     |    |
|                 | 4th Inv Species/Density  |  |     |     |          |  |     |     |            |  |    |     |    |
| 16              | Soil Type                | Sand   |     |     |          | Sand   |     |     |            | Sand   |    |     |    |
| 17              | Management Objective     | Natural even-aged regeneration of Timber Type with future thinning |     |     |          | Natural even-aged regeneration of Timber Type with future thinning |     |     |            | Natural even-aged regeneration of Timber Type with future thinning |    |     |    |
| 18              | Last Changed             | 6/3/2023 1:52:10 PM  |     |     |          | 6/3/2023 1:55:19 PM  |     |     |            | 6/3/2023 2:00:17 PM  |    |     |    |

| B. Non-Mandatory Practice | Practice | Yr       | Practice | Yr       | Practice | Yr      |
|---------------------------|----------|----------|----------|----------|----------|---------|
|                           |          | Thinning | 2035     | Thinning | 2035     | Coppice |
|                           |          |          | Thinning | 2050     | Thinning | 2050    |

| Stand Conditions, Special Features or Characteristics | Stand Number: I 4   | Stand Number: P 5   | Stand Number: 6  |
|---|---|---|--|
|   | Objective is to manage this forest for aesthetics and educational opportunities. This stand will be managed through intermediate thinning to create old growth characteristics. Thinning frequency will be much less than the surrounding stands. This stand was thinned previously in 1952, 1985, & 2016. The large, super canopy white pine are providing excellent seed sources for surrounding stands and are turkeys use these trees for night time roosting. This stand should be evaluated for a thinning in 2035; however, this stand may not be ready at this time. Many of the large white pines in this stand are between 25-40" diameter. | High quality red pine plantation. Thinned previously in 1975, 1992, 2003, & 2016. There is a pavilion located on the edge of this stand. School District needs to decide at year 2050 if this stand will continue to be thinned again or if they want to clear-cut & replant at that time. Stand will be 95 years old at at rotation age in 2050. | This stand is comprised of several age classes of white pine & is converting to almost all white pine over time due to past management. To diversify the forest types on the property, I recommend choosing a portion of this stand to manage as big-toothed aspen. Select the areas with the most aspen & clear-cut all trees except widely scattered oak & some of the super canopy white pine. This would result in mostly big-toothed aspen regeneration. There is more aspen in the western portion of this stand. I recommend leaving an aesthetic strip along the road. This property lacks early successional forests as all past management practices have focused on red pine or white pine management. The rest of the stand not being managed for aspen should continue to be managed for white pine through intermediate thinnings until rotation is desired. The 2035 scheduled coppice is for areas with the most aspen and the 2050 thinning is for the areas that are not cut in 2035 as part of the coppice harvest. |

**Primary Owner**

SURING SCHOOL DISTRICT  
411 ALGOMA ST  
SURING, WI 54174-9565

**1st Year:** 2023 **Length:** 30 yrs. **Last Year:** 12/31/2052

**Stewardship #:** 43-S06-2023 -- Oconto Co. -- Bagley (T)

**Other Owners**

| A. Stand Number |                          | G 7  |    |      |    | 8                           |    |      |     | P 9  |     |      |    |
|-----------------|--------------------------|--|----|------|----|-----------------------------|----|------|-----|--|-----|------|----|
| 1               | Productivity             |  |    |      |    |                             |    |      |     |  |     |      |    |
| 2               | Stand Prefix             | G=Deferral Areas                           |    |      |    |                             |    |      |     | P=Plantation   |     |      |    |
| 3               | Exam Date                | 04/29/2023                                 |    |      |    | 04/29/2023                  |    |      |     | 04/29/2023   |     |      |    |
| 4               | Age Structure            | Even-Aged                                  |    |      |    | Two-Aged                    |    |      |     | Even-Aged  |     |      |    |
| 5               | Timber Type - Primary    | Lowland Brush - Alder                      |    |      |    | White Pine                  |    | 15+  | 2   | White Pine   |     | 9-15 | 3  |
|                 | Timber Type - Secondary  | Bottomland Hardwoods                       |    | 5-11 | 2  | Aspen                       |    | 5-11 | 1   | White Pine   |     | 15+  | 1  |
|                 | Timber Type - Understory |  |    |      |    | White Pine                  |    | 0-5  | 2   |  |     |      |    |
| 6               | Habitat Type             |  |    |      |    |                             |    |      |     |  |     |      |    |
| 7               | Acres                    | 11   |    |      |    | 30                          |    |      |     | 4  |     |      |    |
| 8               | Year of Origin           |  |    |      |    | 1984                        |    |      |     | 1950   |     |      |    |
| 9               | Total Height             |  |    |      |    | 55                          |    |      |     | 69   |     |      |    |
| 10              | Mean Stand Diameter      | 5  |    |      |    | 9                           |    |      |     | 12   |     |      |    |
| 11              | Site Index & Species     |  |    |      |    | 62 - Pine, White            |    |      |     | 53 - Pine, White   |     |      |    |
| 12              | Total Basal Area         | 50   |    |      |    | 80                          |    |      |     | 130  |     |      |    |
| 13              | Total Volume-Cds/Acre    | 6  |    |      |    | 25                          |    |      |     | 45   |     |      |    |
|                 | Total Volume-BF/Acre     | 0  |    |      |    | 170                         |    |      |     | 1  |     |      |    |
| 14              | Tree Species             | Species                                    | BA | Cds  | BF | Species                     | BA | Cds  | BF  | Species  | BA  | Cds  | BF |
|                 | 1st Major Tree Species   | Maple, Red                                 | 30 |      |    | Pine, White                 | 49 | 17   | 0   | Pine, White  | 125 | 43   | 0  |
|                 | 2nd Major Tree Species   | Ash  | 10 |      |    | Aspen                       | 14 | 3    | 0   | Oak, Red   | 5   | 2    | 0  |
|                 | 3rd Major Tree Species   | Birch, White                               | 4  |      |    | Oak, Northern Pin           | 8  | 2    | 170 |  |     |      |    |
|                 | 4th Major Tree Species   | Aspen                                      | 2  |      |    | Pine, Red                   | 4  | 2    | 0   |  |     |      |    |
| 15              | Invasive Level           | Not Evaluated (Off Season)                 |    |      |    | Not Present                 |    |      |     | Not Present  |     |      |    |
|                 | 1st Inv Species/Density  |  |    |      |    |                             |    |      |     |  |     |      |    |
|                 | 2nd Inv Species/Density  |  |    |      |    |                             |    |      |     |  |     |      |    |
|                 | 3rd Inv Species/Density  |  |    |      |    |                             |    |      |     |  |     |      |    |
|                 | 4th Inv Species/Density  |  |    |      |    |                             |    |      |     |  |     |      |    |
| 16              | Soil Type                | Sandy Loam                                 |    |      |    | Sand                        |    |      |     | Sand   |     |      |    |
| 17              | Management Objective     | Designated as a non-forest management zone |    |      |    | Natural Conversion to ASPEN |    |      |     | Natural even-aged regeneration of Timber Type with future thinning |     |      |    |
| 18              | Last Changed             | 6/14/2023 9:46:15 AM                       |    |      |    | 6/3/2023 1:57:09 PM         |    |      |     | 6/3/2023 1:58:17 PM  |     |      |    |

**B. Non-Mandatory Practice**

| Practice | Yr   | Practice | Yr   |
|----------|------|----------|------|
| Coppice  | 2035 | Thinning | 2025 |
|          |      | Thinning | 2035 |
|          |      | Thinning | 2050 |

**Stand Conditions, Special Features or Characteristics**

**Stand Number: G 7**

This bottomland hardwoods is wet most of the year and would likely require frozen ground harvesting. This stand had a thinning completed in 1991. Species present in include tag alder & willow shrubs and as far as trees there are red maple, silver maple, ash, elm, aspen, basswood, swamp white oak, & white pine. The trees in this stand originated from a past coppice harvest (stump sprouts after being cut). The Peshtigo Brook flows through this stand along with some old river channels from the brook. No management is required in this stand due to the difficult logging conditions as the soils are generally saturated. If any management is completed in this stand, a 100' RMZ will be used. Within the 100' RMZ, only harvest during well frozen ground and retain a basal area of >60'. No operating within 50' of the river.

**Stand Number: 8**

This is a white pine stand that was planned to be managed for aspen but so much white pine was retained in the last harvest, much of the aspen was shaded out. White pine, including super canopy white pine, dominate this stand but there are a variety of other species present including aspen, red pine, northern pine oak, bur oak, northern red oak, red maple, black cherry, & jack pine. This stand can be managed for white pine or aspen. I recommend selecting the portions of this stand with the most aspen and complete a coppice harvest to regenerate aspen & oak. Since there is so much shade from the white pine, much of the aspen, oak, & red maple are barely merchantable. When completing the coppice harvest, cut all trees >1" in diameter except widely scattered super canopy white pine and well crowned oak. So much of the 160 acre is being managed for white pine & red pine, creating young forest habitat within this stand will add to the wildlife habitat & educational value of this stand.

**Stand Number: P 9**

This is a good quality white pine stand. This stand was formerly part of stand 6 but was separated out due to the higher density, better quality, & lack of aspen component. This stand averages a basal area of 130sqft but should be thinned now as the canopies are quite crowded. Reduce basal area to approximately 100 sqft/acre to increase health & vigor in this stand. Favor well crowned and better quality white pine.

**Primary Owner**

SURING SCHOOL DISTRICT  
411 ALGOMA ST  
SURING, WI 54174-9565

**1st Year:** 2023 **Length:** 30 yrs. **Last Year:** 12/31/2052

**Stewardship #:** 43-S06-2023 -- Oconto Co. -- Bagley (T)

**Other Owners**

| A. Stand Number |                          | 10  |      |     |              | 11   |    |     |    |
|-----------------|--------------------------|---|------|-----|--------------|--|----|-----|----|
| 1               | Productivity             |   |      |     |              |  |    |     |    |
| 2               | Stand Prefix             |   |      |     |              |  |    |     |    |
| 3               | Exam Date                | 04/29/2023  |      |     |              | 04/29/2023                                 |    |     |    |
| 4               | Age Structure            | Even-Aged   |      |     |              |  |    |     |    |
| 5               | Timber Type - Primary    | Red Maple   | 5-11 | 2   | True Grasses |  |    |     |    |
|                 | Timber Type - Secondary  | Oak   | 5-11 | 1   |              |  |    |     |    |
|                 | Timber Type - Understory |   |      |     |              |  |    |     |    |
| 6               | Habitat Type             |   |      |     |              |  |    |     |    |
| 7               | Acres                    | 4   |      |     |              | 2  |    |     |    |
| 8               | Year of Origin           | 1984  |      |     |              |  |    |     |    |
| 9               | Total Height             | 50  |      |     |              |  |    |     |    |
| 10              | Mean Stand Diameter      | 8   |      |     |              |  |    |     |    |
| 11              | Site Index & Species     | 62 - Pine, White  |      |     |              |  |    |     |    |
| 12              | Total Basal Area         | 90  |      |     |              |  |    |     |    |
| 13              | Total Volume-Cds/Acre    | 21  |      |     |              |  |    |     |    |
|                 | Total Volume-BF/Acre     | 0   |      |     |              |  |    |     |    |
| 14              | Tree Species             | Species   | BA   | Cds | BF           | Species                                    | BA | Cds | BF |
|                 | 1st Major Tree Species   | Maple, Red  | 30   | 5   | 0            |  |    |     |    |
|                 | 2nd Major Tree Species   | Oak, Red  | 30   | 8   | 0            |  |    |     |    |
|                 | 3rd Major Tree Species   | Aspen   | 15   | 3   | 0            |  |    |     |    |
|                 | 4th Major Tree Species   | Pine, White   | 10   | 4   | 0            |  |    |     |    |
| 15              | Invasive Level           | Not Present   |      |     |              | Not Evaluated (Off Season)                 |    |     |    |
|                 | 1st Inv Species/Density  |   |      |     |              |  |    |     |    |
|                 | 2nd Inv Species/Density  |   |      |     |              |  |    |     |    |
|                 | 3rd Inv Species/Density  |   |      |     |              |  |    |     |    |
|                 | 4th Inv Species/Density  |   |      |     |              |  |    |     |    |
| 16              | Soil Type                | Sand  |      |     |              | Sand                                       |    |     |    |
| 17              | Management Objective     | Natural even-aged regeneration of Timber Type without future thinning |      |     |              | Designated as a non-forest management zone |    |     |    |
| 18              | Last Changed             | 6/3/2023 1:59:23 PM   |      |     |              | 4/29/2023 4:48:23 PM                       |    |     |    |

| B. Non-Mandatory Practice | Practice | Yr   | Practice     | Yr  |
|---------------------------|----------|------|--------------|-----|
|                           | Coppice  | 2050 | Other-Mowing | ANY |

| Stand Conditions, Special Features or Characteristics | Stand Number: 10   | Stand Number: 11  |
|---|--|---|
|   | <p>This is a area of pole sized trees of red maple, red oak, aspen, white birch, bur oak &amp; white spruce. Some large white pines are also present. Old sloughs from the Peshtigo Brook navigate through &amp; around this stand. The soils are sandy and were deposited from the river. Trees are mostly pole timber sized and some are the result of a past coppice harvest. Stand age is estimated.</p> | <p>3 separate areas of grassy openings. 1 opening has a pavilion located in it and most have some type of play equipment. There are additional areas of play equipment scattered along trails within the forest. It is recommended to maintain these areas as open areas for education use, wildlife habitat, and log truck turn-arounds/landing areas.</p> |