



# Interim Forest Management Plan

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## Property Identifiers

Property Name: Frederic Tower Site

Property Designation or Type: Fire Tower Site

DNR Property Code(s) (DNR Prop Code Number): 6150

Forestry Property Code(s): 4989

Property Location - County(ies): part of SWNW Section 1 T36N R17W, Polk County

Property Acreage: 30

Master Plan Date: None  
(if property has one)

Property Manager: Paul Heimstead, Forester

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## Property Assessment

The Frederic Tower Site is a 30 acre wooded site at the highest point in Polk County. The Frederic Fire Tower is built on a small grassy opening on the north central part of the property.

## General Property Description

### Landscape and regional context

The tower site is located entirely within the Forest Transition Landscape. It also lies in a landscape ecosystem subsection called the "Upper Wisconsin/Michigan Moraines:

The landtype association is called: 212jd01 Lake St. Croix Moraines  
The characteristic landform pattern is rolling collapsed moraine interlaced with outwash terraces and intermixed with ice-walled lake plains. Soils are predominantly moderately well drained sandy loam over dense, acid sandy loam till. Common habitat types include ACaCi and AA and AVde.

The property is surrounded by private lands and is approximately 1 mile north of the Straight Lake Wildlife Area.

### History of land use and past management

Property has a grazing history and has not been managed to date.



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## Site Specifics

- Current forest types, size classes and successional stages
  - Aspen (17%) - 5 acres of 50 year old aspen.
  - Northern Hardwoods (77%) - 23 acres of Oak sawtimber with northern hardwood sawtimber and pole timber
  - Grass opening – 2 acres
- State Natural Area designations - None
- High Value Conservation Forests (HCVF) or other resources/natural community types limited in the landscape
  - HCVF locations have not been designated at this time.
- Biotic Inventory status
  - A Rapid Ecological Assessment focusing on rare plants, selected rare animals, and high-quality natural communities has not been completed.
- Deferral/consultation area designations: None
- Rare species
  - NHI portal noted 2 special concern plants in this part of the County. Survey's for these plants have not been done to date.
- Invasive species
  - Buckthorn is present at a low level.
- Soils
  - Soils are predominantly moderately well drained sandy loam over dense, acid sandy loam till.
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## Cultural and Recreational Considerations

- Cultural and archeological sites
  - No archeological or historic sites have been identified on the state database. Any forest management projects will follow manual code procedures to avoid impacts to cultural and archeological sites.
  - This property offers limited recreational opportunities for hunting, hiking, sightseeing, and birding because of its small size.

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## IFMP components

### Management Objectives:

The primary forest management objective is to maintain the growth and health of the current stand of northern hardwoods and oak, and regenerate a small area of mature aspen.



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## Property Prescriptions

Northern Hardwood/Oak sawtimber- 23 acres- use single tree and group selection to maintain this timber type. Timing will be based on stand density, age, quality, and regeneration potential.

Aspen – 5 acres – Use coppice regeneration system to maintain this type based on stand age.

## Summary of Public Involvement and Comments Received:

No public comments received.

## Maps (Optional)



towersite.pdf

## PREPARED BY:

  
Property Manager

5-27-14  
Date

## APPROVED:

  
Area Program Supervisor

5/28/14  
Date

## REVIEWED BY:

  
Forester

5-27-14  
Date

  
District Ecologist

5-27-14  
Date

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