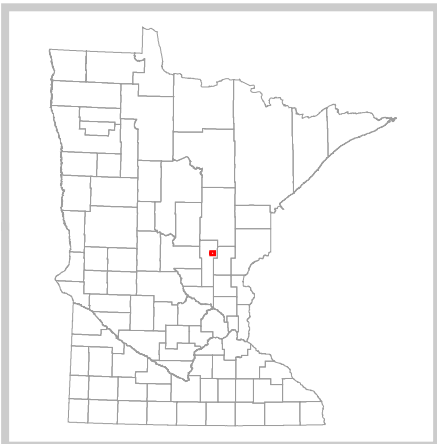
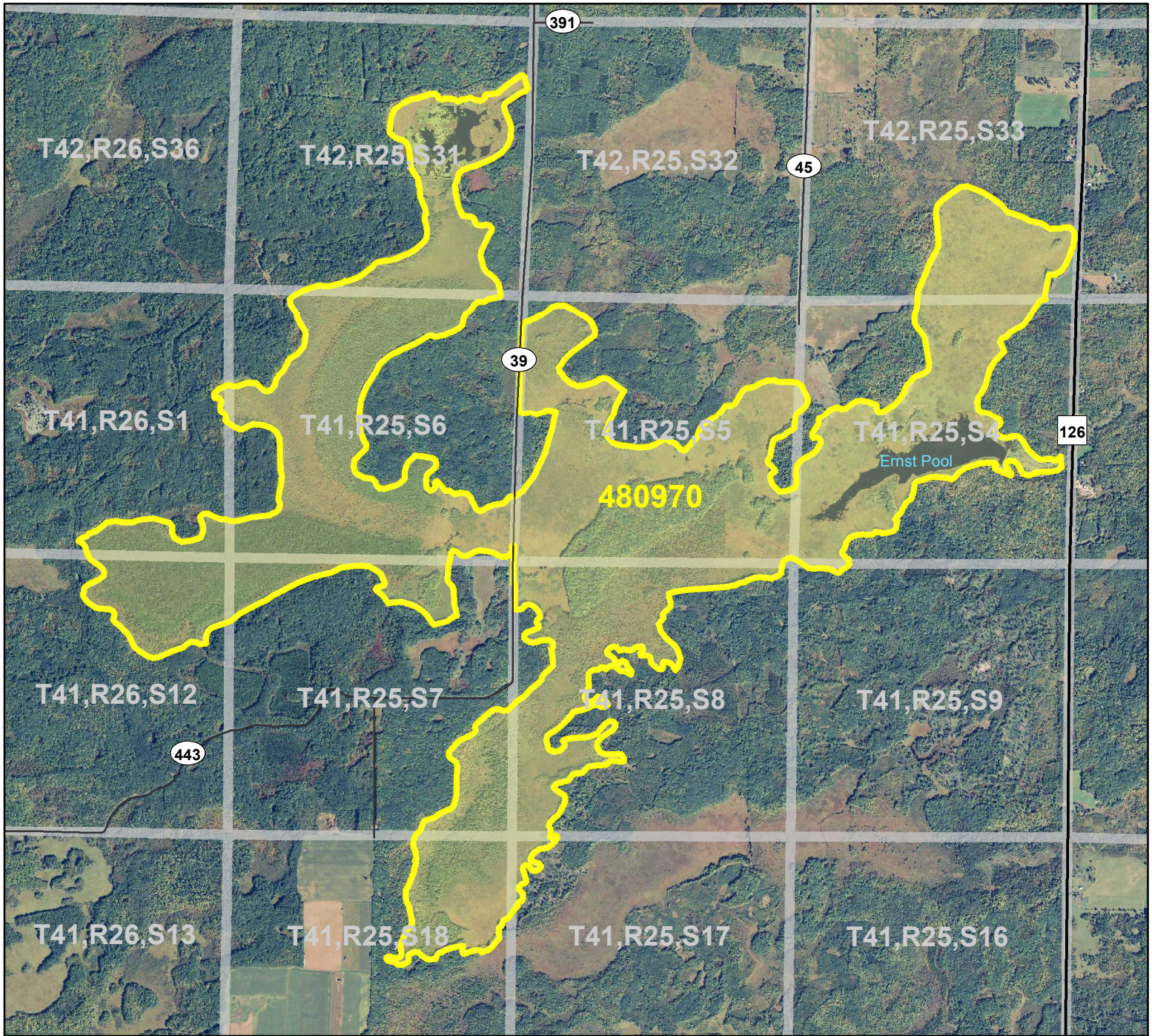


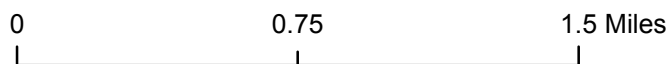
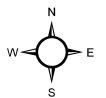
# HCVF Site 480970

## Ernst Pool Peatlands, Mille Lacs County



**Legend**

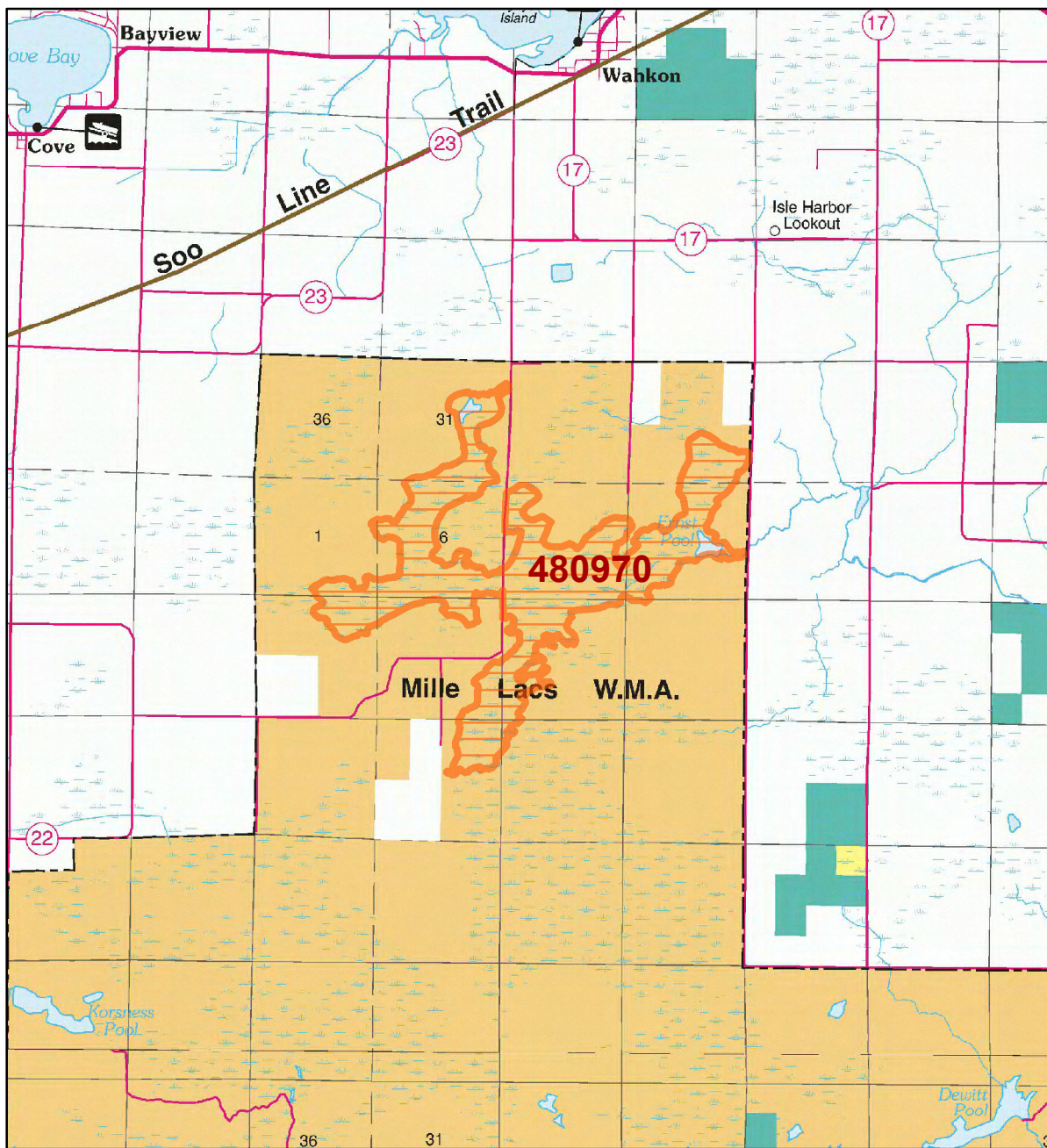
- County Highways
- Municipal, Township or Other Roads
- HCVF Site
- PLS Sections



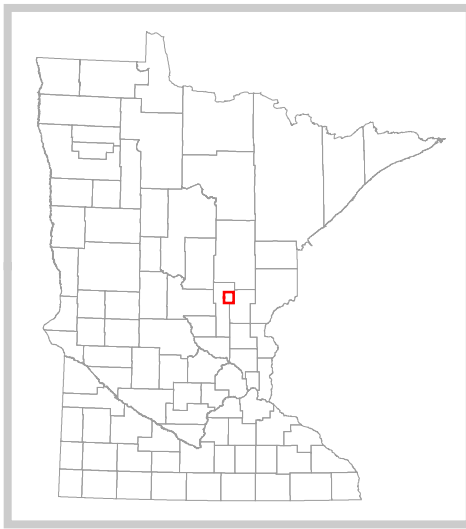


# HCVF Site 480970

## Ernst Pool Peatlands, Mille Lacs County



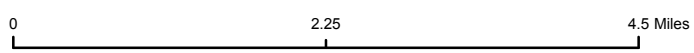
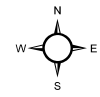
- LEGEND**
- HCVF Site
- MAP EXPLANATION**
- LAND OWNERSHIP**
- County Land
  - Recreation Area under 40 acres
  - State Forest Land
  - State Park and Recreation Land
  - State Wildlife Management Area Land
  - W.M.A.'s under 40 acres
  - State Scientific & Natural Area Land
  - S.N.A.'s under 40 acres
  - National Waterfowl Production Area
  - N.W.P.A.'s under 40 acres
  - National Forest, Park, Wildlife Refuge & Recreation Land
  - Bureau of Indian Affairs Land
- BOUNDARIES**
- County Unit Boundary
  - State Unit Boundary
  - National Unit Boundary
- TRAILS AND FOREST ROADS**
- State Trail
  - State Forest Road
- DESIGNATED WATERWAYS**
- State Trout Stream
  - State Canoe and Boating Route
  - State Wild, Scenic & Recreational River (also designated Canoe & Boating Route)
  - National Wild, Scenic & Recreational River (also designated Canoe & Boating Route)
- FACILITIES**
- D.N.R. Office
  - Travel Information Center
  - Rest Area (with facilities)
  - Rest Area (limited facilities)
  - Campground
  - Watercraft Camping
  - Equestrian Camping
  - Water Access
  - Carry-in Access
  - Dam (on designated canoe route)
  - Fishing Pier
  - Overlook
  - Parking
  - Historic Site
  - Geologic Feature
  - Fish Hatchery
  - Forestry Nursery
  - National Great River Road
  - State Great River Road
- NOTE: Some of the features defined in this map explanation may not occur on the map.



The PRIM series was developed using funds provided through the Legislative Commission on Minnesota Resources (LCMR).

Base information was compiled from 1:100,000 series U.S. Geologic Survey planimetric maps.

Facility and ownership information was compiled from the following sources: Minnesota Department of Natural Resources, Minnesota Department of Transportation, State Planning Agency, Minnesota Historical Society and the respective counties.



*Land ownership categories on this map are in some cases outdated. HCVF sites are on DNR-managed land only; DNR HCVF sites have not been identified on other ownerships.*



# HCVF Informational Report

Report Run: September 3, 2013

## General Information

**HCVF #: 480970**

**HCVF Name:** Ernst Pool Peatlands

**Acres of HCVF site:** 1792.77

**County:** Mille Lacs

**Data edited by:** Region 3 HCVF Team

**Role:** Region 3 HCVF Team

**Date edited on:** 2013-07-24

**Corresponding Land Administrator(s):** FAW

**Management Unit Name(s) (if applicable):** Mille Lacs WMA

## HCVF Summary

Interconnected high-quality northern peatland native plant communities near the south edge of their range in the north portion of the Mille Lacs WMA and within the Kathio Moraine LTA. The site was delineated to highlight very good quality wetlands plant communities surrounded by upland forests with more active land management activities. Native plant communities include MHc36a, MHn46a, APn81a, WFn55b, FPn73a, FPn72a, OPn81a, WMn82a, and MRn83. There is a water control structure at the Ernst Pool Outlet and a few beaver impoundments scattered in the east half of the site. The conifer swamps have interesting sharp arc-shaped transition zones and appear to be in very good condition and mostly 80-100+ years old, with a few stands 120+ years old. An upland island of MHc36a forest support populations of the rare plants triangle moonwort and least moonwort. Site has good potential for rare reptile/amphibian species presence. Site is bisected north-south by Olson Road and by an abandoned railroad grade but is otherwise free of trails.

### **HCVs known to be present that factored into HCVF designation.**

*FSC expects DNR to maintain HCVs within designated HCVFs. Because HCVF boundaries are not the same as the larger, multi-ownership MBS Sites, this list will differ from the values identified during the MBS Survey.*

HCV1b (S1 or S2 species): triangle moonwort (*Botrychium lanceolatum*). goblin fern (*Botrychium mormo*).  
HCV1e (Rare species concentration): 11 SGCN bird species. HCV1g (Outstanding Key Habitats Examples): forest-lowland coniferous. HCV2-LMFbi (late-successional forest block): yes; HCV3b (S1 or S2 plant community): MRn83. HCV3c (Special S3 plant community): FPn72a. HCV3e (Old-growth forest): potential lowland conifer old growth.

## Management Considerations

**Overall management objectives for the entire HCVF:**

Maintain natural hydrologic processes, avoid any disturbance to wetlands. Minimal logging of wet forests.  
Manage Mesic Hardwood Forests with minimal canopy opening.

**Management direction from the following sources was considered in developing the above recommendations:**

*No information entered.*

**Are the HCVs within this HCVF likely to benefit from coordination with adjacent landowner(s)?**

No

## General Comments

Nongame surveys in 2012 found excellent salamander habitat.

*Reference to rare plants and animals, Minnesota Biological Survey Sites of Biological Significance and mapped native plant communities are records maintained in the Minnesota DNR's Natural Heritage Information System (NHIS). A date of information is associated with each record. The NHIS is continually updated as new information becomes available. The lack of data listed for any geographic area should not be construed to mean that no significant features are present.*

*... Report End ...*